Sanitary Landfill First Quarter 1997 Groundwater Mointoring Report

by

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SANITARY LANDFILL GROUNDWATER MONITORING REPORT (U)

FIRST QUARTER 1997

Publication Date: May 1997

Key Words

Chloroethene (vinyl chloride)
Dichloromethane
LFW wells
Tetrachloroethylene
Trichloroethylene

Authorized Derivative Classifier

UNCLASSIFIED
Does Not Contain Unclassified
Controlled Nuclear Information

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First Quarter 1997 Data Review

This report contains analytical data for samples taken during first quarter 1997 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 Primary Drinking Water Standard for lead (Appendix A), or the SRS flagging criteria (Appendix B).

Wells LFW6R, LFW8R, LFW10A, LFW18, LFW21, and LFW23R were not sampled due to their proximity to the Sanitary Landfill Closure Cap activities. Wells LFW61D and LFW62D are Purge Water Containment Wells and contain mercury. These wells were not sampled since the purge water cannot be treated at the M-1 Air Stripper until the NPDES permit for the stripper is modified.

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

Sampling Codes (cont'd)

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., $1.1\text{E-}09 = 1.1 \times 10^{-9} = 0.0000000011$)
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 *ST* column (exceeded the final PDWS or screening level) 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 <i>U</i> .
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.
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.

Result Modifier (cont'd)

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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: LFW31

<u>SRS Coord.</u>	<u>Lat/Longitude</u>	<u>Screen Zone Elevation</u>	<u>Top of Casing</u>	<u>Casing</u>	<u>Pump</u>	<u>Formation</u>
N 86262.2	33.289758 Deg N	166-145 ft msl	229.3 ft msl	4" PVC	S	U. Steed Pond
E 44869	-81.716217 Deg W					

FIELD MEASUREMENTS

Sample Date: 12/09/96	Time: 8:52 AM
Water Depth: 65.9 ft	pH: 4
Water Elevation: 161.1 ft msl	Alkalinity: 1 mg/L
Sp. Conductance: 22 µS/cm	Water Temperature: 24 deg. C
Turbidity: 1.6 NTU	
Water Evacuated Before Sampling: 50 gal	Volumes Purged: 4.142 well volumes

LABORATORY ANALYSES

H	ST	Analyte	Result	DF	Mod	Unit	Flag	Lab
		1,1,1,2-Tetrachloroethane	<2	1	U	ug/L	0	GE
		1,1,1-Trichloroethane	<2	1	U	ug/L	0	GE
		1,1,2,2-Tetrachloroethane	<2	1	U	ug/L	0	GE
		1,1,2-Trichloroethane	<2	1	U	ug/L	0	GE
		1,1-Dichloroethane	<2	1	U	ug/L	0	GE
		1,1-Dichloroethylene	<2	1	U	ug/L	0	GE
		1,2,3-Trichloropropane	<2	1	U	ug/L	0	GE
	+	1,2-Dibromoethane	<2	1	U	ug/L	2	GE
		1,2-Dichlorobenzene	<2	1	U	ug/L	0	GE
		1,2-Dichloroethane	<2	1	U	ug/L	0	GE
		1,2-Dichloropropane	<2	1	U	ug/L	0	GE
		1,3-Dichlorobenzene	<2	1	U	ug/L	0	GE
		1,4-Dichlorobenzene	<2	1	U	ug/L	0	GE
		2,4,5-TP (Silvex)	<0.025	1	U	ug/L	0	GE
		2,4-Dichlorophenoxyacetic acid	<0.05	1	UJ	ug/L	0	GE
		2-Chloroethyl vinyl ether	<10	1	U	ug/L	1	GE
		2-Hexanone	<10	1	U	ug/L	0	GE
		Acetone	<10	1	U	ug/L	0	GE
		Acetonitrile (Methyl cyanide)	<10	1	U	ug/L	0	GE
		Acrolein	<20	1	U	ug/L	0	GE
		Acrylonitrile	<50	1	U	ug/L	0	GE
		Allyl chloride	<10	1	U	ug/L	0	GE
		Arsenic, total recoverable	<5	1	U	ug/L	0	GE
		Barium, total recoverable	5.04	1		ug/L	0	GE
		Benzene	<2	1	U	ug/L	0	GE
		Bromodichloromethane	<2	1	U	ug/L	0	GE
		Bromoform	<2	1	U	ug/L	0	GE
		Bromomethane (Methyl bromide)	<2	1	U	ug/L	0	GE
		Cadmium, total recoverable	<2	1	U	ug/L	0	GE
		Carbon disulfide	<5	1	U	ug/L	0	GE
		Carbon tetrachloride	<2	1	U	ug/L	0	GE
		Chlorobenzene	<2	1	U	ug/L	0	GE
		Chloroethane	<2	1	U	ug/L	0	GE
		Chloroethene (Vinyl chloride)	<2	1	U	ug/L	1	GE
		Chloroform	<2	1	U	ug/L	0	GE
		Chloromethane (Methyl chloride)	<2	1	U	ug/L	0	GE
		Chloroprene	<2	1	U	ug/L	0	GE
		Chromium, total recoverable	9.99	1		ug/L	0	GE
		Dibromochloromethane	<2	1	U	ug/L	0	GE
	+	Dibromomethane (Methylene bromide)	<2	1	U	ug/L	0	GE
		Dichlorodifluoromethane	<2	1	U	ug/L	0	GE

* = exceeded holding time. +=exceeded screening level or final primary drinking water standard.

WELL: LFW31 (cont'd)

LABORATORY ANALYSES (cont'd)

H	ST	Analyte	Result	DF	Mod	Unit	Flag	Lab
	+	Dichloromethane (Methylene chloride)	<10	1	U	ug/L	2	GE
		Endrin	<0.05	1	U	ug/L	0	GE
		Ethylbenzene	<2	1	U	ug/L	0	GE
		Gross alpha	4.44	1		pCi/L	0	GP
		Iodomethane (Methyl iodide)	<10	1	U	ug/L	0	GE
		Isobutyl alcohol	<20	1	U	ug/L	0	GE
		Lead, total recoverable	4.16	1	J	ug/L	0	GE
		Lindane	<0.025	1	UJ	ug/L	0	GE
		Mercury, total recoverable	<0.053	1	U	ug/L	0	GE
		Methacrylonitrile	<10	1	U	ug/L	0	GE
		Methoxychlor	<0.5	1	U	ug/L	0	GE
		Methyl ethyl ketone	<5	1	U	ug/L	0	GE
		Methyl isobutyl ketone	<10	1	U	ug/L	0	GE
		Methyl methacrylate	<10	1	U	ug/L	0	GE
		Nonvolatile beta	2.78	1		pCi/L	0	GP
		Propionitrile	<20	1	U	ug/L	0	GE
		Selenium, total recoverable	<5	1	U	ug/L	0	GE
		Silver, total recoverable	<2	1	U	ug/L	0	GE
		Styrene	<2	1	U	ug/L	0	GE
		Tetrachloroethylene	<2	1	U	ug/L	0	GE
		Toluene	<2	1	U	ug/L	0	GE
		Toxaphene	<1	1	U	ug/L	0	GE
		Trichloroethylene	<2	1	U	ug/L	0	GE
		Trichlorofluoromethane	<2	1	U	ug/L	0	GE
		Tritium	<-1.85	1	UI	pCi/mL	0	GP
		Vinyl acetate	<10	1	U	ug/L	1	GE
		Xylenes	<2	1	U	ug/L	0	GE
		cis-1,3-Dichloropropene	<2	1	U	ug/L	0	GE
		trans-1,2-Dichloroethylene	<2	1	U	ug/L	0	GE
		trans-1,3-Dichloropropene	<2	1	U	ug/L	0	GE
		trans-1,4-Dichloro-2-butene	<2	1	U	ug/L	0	GE

Number of Records: 76

* = exceeded holding time. +=exceeded screening level or final primary drinking water standard.

WELL: LFW36R

<u>SRS Coord.</u>	<u>Lat/Longitude</u>	<u>Screen Zone Elevation</u>	<u>Top of Casing</u>	<u>Casing</u>	<u>Pump</u>	<u>Formation</u>
N 83537.3	33.28479492 Deg N	142.0-122.0 ft msl	168.4 ft msl	2" PVC	V	U. Steed Pond
E 45519.1	-81.70920894 Deg W					

FIELD MEASUREMENTS

Sample Date: 12/02/96	Time: 8:59 AM
Water Depth: 23.02 ft	Ph: 6.4
Water Elevation: 143.38 ft msl	Alkalinity: 105 mg/L
Sp. Conductance: 260 µS/cm	Water Temperature: 20.8 deg. C
Turbidity: 17.7 NTU	
Water Evacuated Before Sampling: 17 gal	Volumes Purged: 4.434 well volumes

LABORATORY ANALYSES

H	ST	Analyte	Result	DF	Mod	Unit	Flag	Lab
		1,1,1,2-Tetrachloroethane	<2	1	U	ug/L	0	GE
		1,1,1,2-Tetrachloroethane	<2	1	U	ug/L	0	GE
		1,1,1-Trichloroethane	<2	1	U	ug/L	0	GE
		1,1,1-Trichloroethane	<2	1	U	ug/L	0	GE
		1,1,2,2-Tetrachloroethane	<2	1	U	ug/L	0	GE
		1,1,2,2-Tetrachloroethane	<2	1	U	ug/L	0	GE
		1,1,2-Trichloroethane	<2	1	U	ug/L	0	GE
		1,1,2-Trichloroethane	<2	1	U	ug/L	0	GE
		1,1-Dichloroethane	8	1		ug/L	1	GE
		1,1-Dichloroethane	8.6	1		ug/L	1	GE
		1,1-Dichloroethylene	<2	1	U	ug/L	0	GE
		1,1-Dichloroethylene	<2	1	U	ug/L	0	GE
		1,2,3-Trichloropropane	<2	1	U	ug/L	0	GE
		1,2,3-Trichloropropane	<2	1	U	ug/L	0	GE
+		1,2-Dibromoethane	<2	1	U	ug/L	2	GE
+		1,2-Dibromoethane	<2	1	U	ug/L	2	GE
		1,2-Dichlorobenzene	<2	1	U	ug/L	0	GE
		1,2-Dichlorobenzene	<2	1	U	ug/L	0	GE
		1,2-Dichloroethane	<2	1	U	ug/L	0	GE
		1,2-Dichloroethane	<2	1	U	ug/L	0	GE
		1,2-Dichloropropane	<2	1	U	ug/L	0	GE
		1,2-Dichloropropane	<2	1	U	ug/L	0	GE
		1,3-Dichlorobenzene	<2	1	U	ug/L	0	GE
		1,3-Dichlorobenzene	<2	1	U	ug/L	0	GE
		1,4-Dichlorobenzene	18.8	1		ug/L	0	GE
		1,4-Dichlorobenzene	18.9	1		ug/L	0	GE
		2,4,5-TP (Silvex)	<0.0248	1	UJ	ug/L	0	GE
		2,4-Dichlorophenoxyacetic acid	<0.0495	1	UJ	ug/L	0	GE
		2-Chloroethyl vinyl ether	<10	1	U	ug/L	1	GE
		2-Chloroethyl vinyl ether	<10	1	U	ug/L	1	GE
		2-Hexanone	<10	1	U	ug/L	0	GE
		2-Hexanone	<10	1	U	ug/L	0	GE
		Acetone	<10	1	U	ug/L	0	GE
		Acetone	<10	1	U	ug/L	0	GE
		Acetonitrile (Methyl cyanide)	<10	1	U	ug/L	0	GE
		Acetonitrile (Methyl cyanide)	<10	1	U	ug/L	0	GE
		Acrolein	<20	1	U	ug/L	0	GE
		Acrylonitrile	<50	1	U	ug/L	0	GE
		Acrylonitrile	<50	1	U	ug/L	0	GE
		Allyl chloride	<10	1	U	ug/L	0	GE
		Aluminum, total recoverable	19.8	1	J	ug/L	0	GE
		Arsenic, total recoverable	4.2	1	J	ug/L	0	GE
		Barium, total recoverable	3.32	1		ug/L	0	GE

* = exceeded holding time. +=exceeded screening level or final primary drinking water standard.

WELL: LFW36R (cont'd)

LABORATORY ANALYSES (cont'd)

H	ST	Analyte	Result	DF	Mod	Unit	Flag	Lab
		Benzene	<2	1	U	ug/L	0	GE
		Benzene	<2	1	U	ug/L	0	GE
		Boron, total recoverable	105	1		ug/L	0	GE
		Bromodichloromethane	<2	1	U	ug/L	0	GE
		Bromodichloromethane	<2	1	U	ug/L	0	GE
		Bromoform	<2	1	U	ug/L	0	GE
		Bromoform	<2	1	U	ug/L	0	GE
		Bromomethane (Methyl bromide)	<2	1	U	ug/L	0	GE
		Bromomethane (Methyl bromide)	<2	1	U	ug/L	0	GE
		Cadmium, total recoverable	<0.705	1	U	ug/L	0	GE
		Calcium, total recoverable	5160	1		ug/L	0	GE
		Carbon disulfide	<5	1	U	ug/L	0	GE
		Carbon disulfide	<5	1	U	ug/L	0	GE
		Carbon tetrachloride	<2	1	U	ug/L	0	GE
		Carbon tetrachloride	<2	1	U	ug/L	0	GE
		Chlorobenzene	9.7	1		ug/L	0	GE
		Chlorobenzene	9.9	1		ug/L	0	GE
		Chloroethane	<2	1	U	ug/L	0	GE
		Chloroethane	<2	1	U	ug/L	0	GE
+		Chloroethene (Vinyl chloride)	26.1	1		ug/L	2	GE
+		Chloroethene (Vinyl chloride)	27.6	1		ug/L	2	GE
		Chloroform	<2	1	U	ug/L	0	GE
		Chloroform	<2	1	U	ug/L	0	GE
		Chloromethane (Methyl chloride)	<2	1	U	ug/L	0	GE
		Chloromethane (Methyl chloride)	<2	1	U	ug/L	0	GE
		Chloroprene	<2	1	U	ug/L	0	GE
		Chloroprene	<2	1	U	ug/L	0	GE
		Chromium, total recoverable	1.49	1	J	ug/L	0	GE
		Dibromochloromethane	<2	1	U	ug/L	0	GE
		Dibromochloromethane	<2	1	U	ug/L	0	GE
		Dibromomethane (Methylene bromide)	<2	1	U	ug/L	0	GE
		Dibromomethane (Methylene bromide)	<2	1	U	ug/L	0	GE
		Dichlorodifluoromethane	<2	1	U	ug/L	0	GE
		Dichlorodifluoromethane	<2	1	U	ug/L	0	GE
+		Dichloromethane (Methylene chloride)	<10	1	U	ug/L	2	GE
		Dichloromethane (Methylene chloride)	<5	1	U	ug/L	1	GE
		Endrin	<0.05	1	U	ug/L	0	GE
		Ethylbenzene	<2	1	U	ug/L	0	GE
		Ethylbenzene	<2	1	U	ug/L	0	GE
		Gross alpha	3.25	1		pCi/L	0	GP
		Iodomethane (Methyl iodide)	<10	1	U	ug/L	0	GE
		Iodomethane (Methyl iodide)	<10	1	U	ug/L	0	GE
		Iron, total recoverable	40700	1		ug/L	2	GE
		Isobutyl alcohol	<20	1	U	ug/L	0	GE
		Isobutyl alcohol	<20	1	U	ug/L	0	GE
		Lead, total recoverable	18.1	1	J	ug/L	0	GE
		Lindane	<0.025	1	UJ	ug/L	0	GE
		Lithium, total recoverable	<25	1	U	ug/L	0	GE
		Magnesium, total recoverable	5320	1		ug/L	0	GE
		Manganese, total recoverable	27.4	1		ug/L	1	GE
		Mercury, total recoverable	0.061	1	J	ug/L	0	GE
		Methacrylonitrile	<10	1	U	ug/L	0	GE
		Methacrylonitrile	<10	1	U	ug/L	0	GE
		Methoxychlor	<0.5	1	U	ug/L	0	GE
		Methyl ethyl ketone	<5	1	U	ug/L	2	GE
		Methyl ethyl ketone	<5	1	U	ug/L	0	GE
		Methyl isobutyl ketone	<10	1	U	ug/L	0	GE

* = exceeded holding time. +=exceeded screening level or final primary drinking water standard.

WELL: LFW36R (cont'd)

LABORATORY ANALYSES (cont'd)

H	ST	Analyte	Result	DF	Mod	Unit	Flag	Lab
		Methyl isobutyl ketone	<10	1	U	ug/L	0	GE
		Methyl methacrylate	<10	1	U	ug/L	0	GE
		Methyl methacrylate	<10	1	U	ug/L	0	GE
		Nitrate-nitrite as nitrogen	330	1		ug/L	0	GE
		Nonvolatile beta	<6.4	1	UI	pCi/L	0	GP
		Potassium, total recoverable	1160	1		ug/L	0	GE
		Propionitrile	<20	1	U	ug/L	0	GE
		Propionitrile	<20	1	U	ug/L	0	GE
		Radium-226	1.61	1	J	pCi/L	0	GP
		Selenium, total recoverable	2.14	1	J	ug/L	0	GE
		Silver, total recoverable	<2	1	U	ug/L	0	GE
		Sodium, total recoverable	7300	1		ug/L	0	GE
		Styrene	<2	1	U	ug/L	0	GE
		Styrene	<2	1	U	ug/L	0	GE
		Tetrachloroethylene	<2	1	U	ug/L	0	GE
		Tetrachloroethylene	<2	1	U	ug/L	0	GE
		Toluene	<2	1	U	ug/L	0	GE
		Toluene	<2	1	U	ug/L	0	GE
		Total dissolved solids	94000	1		ug/L	0	GE
		Total organic carbon	2720	1		ug/L	0	GE
		Total organic carbon	2290	1		ug/L	0	GE
		Total phosphates (as P)	<50	1	UJ	ug/L	0	GE
		Toxaphene	<1	1	U	ug/L	0	GE
		Trichloroethylene	<2	1	U	ug/L	0	GE
		Trichloroethylene	<2	1	U	ug/L	0	GE
		Trichlorofluoromethane	1.1	1	J	ug/L	0	GE
		Trichlorofluoromethane	1.1	1	J	ug/L	0	GE
		Tritium	<-5.2	1	UI	pCi/mL	0	GP
		Vinyl acetate	<10	1	U	ug/L	1	GE
		Vinyl acetate	<10	1	U	ug/L	1	GE
		Xylenes	<2	1	U	ug/L	0	GE
		Xylenes	<2	1	U	ug/L	0	GE
		cis-1,3-Dichloropropene	<2	1	U	ug/L	0	GE
		cis-1,3-Dichloropropene	<2	1	U	ug/L	0	GE
		trans-1,2-Dichloroethylene	<2	1	U	ug/L	0	GE
		trans-1,2-Dichloroethylene	<2	1	U	ug/L	0	GE
		trans-1,3-Dichloropropene	<2	1	U	ug/L	0	GE
		trans-1,3-Dichloropropene	<2	1	U	ug/L	0	GE
		trans-1,4-Dichloro-2-butene	<2	1	U	ug/L	0	GE
		trans-1,4-Dichloro-2-butene	<2	1	U	ug/L	0	GE

Number of Records: 150

* = exceeded holding time. +=exceeded screening level or final primary drinking water standard.

WELL: LFW41R

<u>SRS Coord</u>	<u>Lat/Longitude</u>	<u>Screen Zone Elevation</u>	<u>Top of Casing</u>	<u>Casing</u>	<u>Pump</u>	<u>Formation</u>
N 83238.3	33.28595603 Deg N	140.2-120.2 ft msl	169.7 ft msl	2" PVC	V	U. Steed Pond
E 46635.3	-81.70568953 Deg W					

FIELD MEASUREMENTS

Sample Date: 12/09/96	Time: 1:40 PM
Water Depth: 27.76 ft	pH: 4.6
Water Elevation: 139.84 ft msl	Alkalinity: 1 mg/L
Sp. Conductance: 12 µS/cm	Water Temperature: 25 deg. C
Turbidity: 0.6 NTU	
Water Evacuated Before Sampling: 15gal	Volumes Purged: 4.207 well volumes

LABORATORY ANALYSES

H	ST	Analyte	Result	DF	Mod	Unit	Flag	Lab
		1,1,1,2-Tetrachloroethane	<2	1	U	ug/L	0	GE
		1,1,1,2-Tetrachloroethane	<2	1	U	ug/L	0	GE
		1,1,1-Trichloroethane	1.4	1	J	ug/L	0	GE
		1,1,1-Trichloroethane	1	1	J	ug/L	0	GE
		1,1,2,2-Tetrachloroethane	<2	1	U	ug/L	0	GE
		1,1,2,2-Tetrachloroethane	<2	1	U	ug/L	0	GE
		1,1,2-Trichloroethane	<2	1	U	ug/L	0	GE
		1,1,2-Trichloroethane	<2	1	U	ug/L	0	GE
		1,1-Dichloroethane	1.8	1	J	ug/L	0	GE
		1,1-Dichloroethane	1.5	1	J	ug/L	0	GE
		1,1-Dichloroethylene	<2	1	U	ug/L	0	GE
		1,1-Dichloroethylene	<2	1	U	ug/L	0	GE
		1,2,3-Trichloropropane	<2	1	U	ug/L	0	GE
		1,2,3-Trichloropropane	<2	1	U	ug/L	0	GE
+		1,2-Dibromoethane	<2	1	U	ug/L	2	GE
+		1,2-Dibromoethane	<2	1	U	ug/L	2	GE
		1,2-Dichlorobenzene	<2	1	U	ug/L	0	GE
		1,2-Dichlorobenzene	<2	1	U	ug/L	0	GE
		1,2-Dichloroethane	<2	1	U	ug/L	0	GE
		1,2-Dichloroethane	<2	1	U	ug/L	0	GE
		1,2-Dichloropropane	<2	1	U	ug/L	0	GE
		1,2-Dichloropropane	<2	1	U	ug/L	0	GE
		1,3-Dichlorobenzene	<2	1	U	ug/L	0	GE
		1,3-Dichlorobenzene	<2	1	U	ug/L	0	GE
		1,4-Dichlorobenzene	<2	1	U	ug/L	0	GE
		1,4-Dichlorobenzene	<2	1	U	ug/L	0	GE
		2,4,5-TP (Silvex)	<0.0254	1	U	ug/L	0	GE
		2,4-Dichlorophenoxyacetic acid	<0.0508	1	UJ	ug/L	0	GE
		2-Chloroethyl vinyl ether	<10	1	U	ug/L	1	GE
		2-Chloroethyl vinyl ether	<10	1	U	ug/L	1	GE
		2-Hexanone	<10	1	U	ug/L	0	GE
		2-Hexanone	<10	1	U	ug/L	0	GE
		Acetone	<10	1	U	ug/L	0	GE
		Acetone	5.9	1	J	ug/L	0	GE
		Acetonitrile (Methyl cyanide)	<10	1	U	ug/L	0	GE
		Acetonitrile (Methyl cyanide)	<10	1	U	ug/L	0	GE
		Acrolein	<20	1	U	ug/L	0	GE
		Acrolein	<20	1	U	ug/L	0	GE
		Acrylonitrile	<50	1	U	ug/L	0	GE
		Acrylonitrile	<50	1	U	ug/L	0	GE
		Allyl chloride	<10	1	U	ug/L	0	GE
		Allyl chloride	<10	1	U	ug/L	0	GE
		Aluminum, total recoverable	<20	1	U	ug/L	0	GE
		Aluminum, total recoverable	<20	1	U	ug/L	0	GE

* = exceeded holding time. +=exceeded screening level or final primary drinking water standard.

WELL: LFW41R (cont'd)

LABORATORY ANALYSES (cont'd)

H	ST	Analyte	Result	DF	Mod	Unit	Flag	Lab
		Arsenic, total recoverable	<5	1	U	ug/L	0	GE
		Arsenic, total recoverable	<5	1	U	ug/L	0	GE
		Barium, total recoverable	2.32	1	J	ug/L	0	GE
		Barium, total recoverable	2.15	1	J	ug/L	0	GE
		Barium, total recoverable	<25	1	U	ug/L	0	GE
		Benzene	<2	1	U	ug/L	0	GE
		Benzene	<2	1	U	ug/L	0	GE
		Boron, total recoverable	<50	1	U	ug/L	0	GE
		Boron, total recoverable	<50	1	U	ug/L	0	GE
		Bromodichloromethane	<2	1	U	ug/L	0	GE
		Bromodichloromethane	<2	1	U	ug/L	0	GE
		Bromoform	<2	1	U	ug/L	0	GE
		Bromoform	<2	1	U	ug/L	0	GE
		Bromomethane (Methyl bromide)	<2	1	U	ug/L	0	GE
		Bromomethane (Methyl bromide)	<2	1	U	ug/L	0	GE
		Cadmium, total recoverable	<2	1	U	ug/L	0	GE
		Cadmium, total recoverable	<2	1	U	ug/L	0	GE
		Calcium, total recoverable	278	1		ug/L	0	GE
		Calcium, total recoverable	274	1		ug/L	0	GE
		Carbon disulfide	<5	1	U	ug/L	0	GE
		Carbon disulfide	<5	1	U	ug/L	0	GE
		Carbon tetrachloride	<2	1	U	ug/L	0	GE
		Carbon tetrachloride	<2	1	U	ug/L	0	GE
		Chlorobenzene	<2	1	U	ug/L	0	GE
		Chlorobenzene	<2	1	U	ug/L	0	GE
		Chloroethane	<2	1	U	ug/L	0	GE
		Chloroethane	<2	1	U	ug/L	0	GE
		Chloroethene (Vinyl chloride)	<2	1	U	ug/L	1	GE
		Chloroethene (Vinyl chloride)	<2	1	U	ug/L	1	GE
		Chloroform	<2	1	U	ug/L	0	GE
		Chloroform	<2	1	U	ug/L	0	GE
		Chloromethane (Methyl chloride)	<2	1	U	ug/L	0	GE
		Chloromethane (Methyl chloride)	<2	1	U	ug/L	0	GE
		Chloroprene	<2	1	U	ug/L	0	GE
		Chloroprene	<2	1	U	ug/L	0	GE
		Chromium, total recoverable	10.5	1		ug/L	0	GE
		Chromium, total recoverable	10.8	1		ug/L	0	GE
		Dibromochloromethane	<2	1	U	ug/L	0	GE
		Dibromochloromethane	<2	1	U	ug/L	0	GE
		Dibromomethane (Methylene bromide)	<2	1	U	ug/L	0	GE
		Dibromomethane (Methylene bromide)	<2	1	U	ug/L	0	GE
		Dichlorodifluoromethane	2.2	1		ug/L	0	GE
		Dichlorodifluoromethane	1.6	1	J	ug/L	0	GE
+		Dichloromethane (Methylene chloride)	<10	1	U	ug/L	2	GE
		Dichloromethane (Methylene chloride)	1.1	1	J	ug/L	0	GE
		Endrin	<0.05	1	U	ug/L	0	GE
		Ethylbenzene	<2	1	U	ug/L	0	GE
		Ethylbenzene	<2	1	U	ug/L	0	GE
		Gross alpha	1.51	1		pCi/L	0	GP
		Gross alpha	1.41	1		pCi/L	0	GP
		Iodomethane (Methyl iodide)	<10	1	U	ug/L	0	GE
		Iodomethane (Methyl iodide)	<10	1	U	ug/L	0	GE
		Iron, total recoverable	53.9	1	J	ug/L	0	GE
		Iron, total recoverable	81.3	1	J	ug/L	0	GE
		Isobutyl alcohol	<20	1	U	ug/L	0	GE
		Isobutyl alcohol	<20	1	U	ug/L	0	GE
		Lead, total recoverable	5.17	1		ug/L	0	GE

* = exceeded holding time. +=exceeded screening level or final primary drinking water standard.

WELL: LFW41R (cont'd)

LABORATORY ANALYSES (cont'd)

H	ST	Analyte	Result	DF	Mod	Unit	Flag	Lab
	+	Lead, total recoverable	<100	1	U	ug/L	2	GE
		Lead, total recoverable	5.4	1		ug/L	0	GE
		Lindane	<0.025	1	UJ	ug/L	0	GE
		Lithium, total recoverable	<25	1	U	ug/L	0	GE
		Lithium, total recoverable	<25	1	U	ug/L	0	GE
		Magnesium, total recoverable	297	1		ug/L	0	GE
		Magnesium, total recoverable	296	1		ug/L	0	GE
		Manganese, total recoverable	1.64	1	J	ug/L	0	GE
		Manganese, total recoverable	1.51	1	J	ug/L	0	GE
		Manganese, total recoverable	3.4	1	J	ug/L	0	GE
		Mercury, total recoverable	<0.044	1	U	ug/L	0	GE
		Methacrylonitrile	<10	1	U	ug/L	0	GE
		Methacrylonitrile	<10	1	U	ug/L	0	GE
		Methoxychlor	<0.5	1	U	ug/L	0	GE
		Methyl ethyl ketone	<5	1	U	ug/L	0	GE
		Methyl ethyl ketone	<5	1	U	ug/L	0	GE
		Methyl isobutyl ketone	<10	1	U	ug/L	0	GE
		Methyl isobutyl ketone	<10	1	U	ug/L	0	GE
		Methyl methacrylate	<10	1	U	ug/L	0	GE
		Methyl methacrylate	<10	1	U	ug/L	0	GE
		Nickel, total recoverable	4.52	1	J	ug/L	0	GE
		Nickel, total recoverable	<25	1	U	ug/L	0	GE
		Nonvolatile beta	2.24	1		pCi/L	0	GP
		Nonvolatile beta	6.29	1		pCi/L	0	GP
		Potassium, total recoverable	221	1	J	ug/L	0	GE
		Potassium, total recoverable	228	1	J	ug/L	0	GE
		Propionitrile	<20	1	U	ug/L	0	GE
		Propionitrile	<20	1	U	ug/L	0	GE
		Selenium, total recoverable	<5	1	U	ug/L	0	GE
		Selenium, total recoverable	<5	1	U	ug/L	0	GE
		Silver, total recoverable	<2	1	U	ug/L	0	GE
		Silver, total recoverable	<2	1	U	ug/L	0	GE
		Silver, total recoverable	<25	1	U	ug/L	0	GE
		Sodium, total recoverable	1500	1		ug/L	0	GE
		Sodium, total recoverable	1280	1		ug/L	0	GE
		Styrene	<2	1	U	ug/L	0	GE
		Styrene	<2	1	U	ug/L	0	GE
		Tetrachloroethylene	<2	1	U	ug/L	0	GE
		Tetrachloroethylene	<2	1	U	ug/L	0	GE
		Toluene	<2	1	U	ug/L	0	GE
		Toluene	<2	1	U	ug/L	0	GE
		Total dissolved solids	<22000	1	U	ug/L	0	GE
		Total dissolved solids	<21000	1	U	ug/L	0	GE
		Total phosphates (as P)	<50	1	UJ	ug/L	0	GE
		Total phosphates (as P)	<50	1	UJ	ug/L	0	GE
		Toxaphene	<1	1	U	ug/L	0	GE
		Trichloroethylene	<2	1	U	ug/L	0	GE
		Trichloroethylene	1	1	J	ug/L	0	GE
		Trichlorofluoromethane	4.5	1		ug/L	0	GE
		Trichlorofluoromethane	3.5	1		ug/L	0	GE
		Tritium	1.53	1		pCi/mL	0	GP
		Vinyl acetate	<10	1	U	ug/L	1	GE
		Vinyl acetate	<10	1	U	ug/L	1	GE
		Xylenes	<2	1	U	ug/L	0	GE
		Xylenes	<2	1	U	ug/L	0	GE
		cis-1,3-Dichloropropene	<2	1	U	ug/L	0	GE
		cis-1,3-Dichloropropene	<2	1	U	ug/L	0	GE

* = exceeded holding time. +=exceeded screening level or final primary drinking water standard.

WELL: LFW41R (cont'd)

LABORATORY ANALYSES (cont'd)

<u>H</u>	<u>ST</u>	<u>Analyte</u>	<u>Result</u>	<u>DF</u>	<u>Mod</u>	<u>Unit</u>	<u>Flag</u>	<u>Lab</u>
		trans-1,2-Dichloroethylene	<2	1	U	ug/L	0	GE
		trans-1,2-Dichloroethylene	<2	1	U	ug/L	0	GE
		trans-1,3-Dichloropropene	<2	1	U	ug/L	0	GE
		trans-1,3-Dichloropropene	<2	1	U	ug/L	0	GE
		trans-1,4-Dichloro-2-butene	<2	1	U	ug/L	0	GE
		trans-1,4-Dichloro-2-butene	<2	1	U	ug/L	0	GE

Number of Records: 175

* = exceeded holding time. +=exceeded screening level or final primary drinking water standard.

WELL: LFW43B

<u>SRS Coord.</u>	<u>Lat/Longitude</u>	<u>Screen Zone Elevation</u>	<u>Top of Casing</u>	<u>Casing</u>	<u>Pump</u>	<u>Formation</u>
N 86459.2	33.2908 Deg N	100.4- 90.4 ft msl	203 ft msl	4" PVC	S	U. Steed Pond
E 45240.5	-81.715622 Deg W					

FIELD MEASUREMENTS

Sample Date: 12/09/96	Time: 11:01 AM
Water Depth: 38.9 ft	pH: 4.8
Water Elevation: 162.1 ft msl	Alkalinity: 1 mg/L
Sp. Conductance: 32 µS/cm	Water Temperature: 24 deg. C
Turbidity: 2.1 NTU	
Water Evacuated Before Sampling: 120 gal	Volumes Purged: 2.482 well volumes

LABORATORY ANALYSES

H	ST	Analyte	Result	DF	Mod	Unit	Flag	Lab
		1,1,1,2-Tetrachloroethane	<2	1	U	ug/L	0	GE
		1,1,1-Trichloroethane	<2	1	U	ug/L	0	GE
		1,1,2,2-Tetrachloroethane	<2	1	U	ug/L	0	GE
		1,1,2-Trichloroethane	<2	1	U	ug/L	0	GE
		1,1-Dichloroethane	<2	1	U	ug/L	0	GE
		1,1-Dichloroethylene	<2	1	U	ug/L	0	GE
		1,2,3-Trichloropropane	<2	1	U	ug/L	0	GE
+		1,2-Dibromoethane	<2	1	U	ug/L	2	GE
		1,2-Dichlorobenzene	<2	1	U	ug/L	0	GE
		1,2-Dichloroethane	<2	1	U	ug/L	0	GE
		1,2-Dichloropropane	<2	1	U	ug/L	0	GE
		1,3-Dichlorobenzene	<2	1	U	ug/L	0	GE
		1,4-Dichlorobenzene	<2	1	U	ug/L	0	GE
		2,4,5-TP (Silvex)	<0.025	1	U	ug/L	0	GE
		2,4-Dichlorophenoxyacetic acid	<0.05	1	UJ	ug/L	0	GE
		2-Chloroethyl vinyl ether	<10	1	U	ug/L	1	GE
		2-Hexanone	<10	1	U	ug/L	0	GE
		Acetone	<10	1	U	ug/L	0	GE
		Acetonitrile (Methyl cyanide)	<10	1	U	ug/L	0	GE
		Acrolein	<20	1	U	ug/L	0	GE
		Acrylonitrile	<50	1	U	ug/L	0	GE
		Allyl chloride	<10	1	U	ug/L	0	GE
		Arsenic, total recoverable	<5	1	U	ug/L	0	GE
		Barium, total recoverable	3.45	1		ug/L	0	GE
		Benzene	<2	1	U	ug/L	0	GE
		Bromodichloromethane	<2	1	U	ug/L	0	GE
		Bromoform	<2	1	U	ug/L	0	GE
		Bromomethane (Methyl bromide)	<2	1	U	ug/L	0	GE
		Cadmium, total recoverable	<2	1	U	ug/L	0	GE
		Carbon disulfide	<5	1	U	ug/L	0	GE
		Carbon tetrachloride	<2	1	U	ug/L	0	GE
		Chlorobenzene	<2	1	U	ug/L	0	GE
		Chloroethane	<2	1	U	ug/L	0	GE
		Chloroethene (Vinyl chloride)	<2	1	U	ug/L	1	GE
		Chloroform	<2	1	U	ug/L	0	GE
		Chloromethane (Methyl chloride)	<2	1	U	ug/L	0	GE
		Chloroprene	<2	1	U	ug/L	0	GE
		Chromium, total recoverable	9.63	1		ug/L	0	GE
		Dibromochloromethane	<2	1	U	ug/L	0	GE
		Dibromomethane (Methylene bromide)	<2	1	U	ug/L	0	GE
		Dichlorodifluoromethane	<2	1	U	ug/L	0	GE
+		Dichloromethane (Methylene chloride)	<10	1	U	ug/L	2	GE
		Endrin	<0.05	1	U	ug/L	0	GE
		Ethylbenzene	<2	1	U	ug/L	0	GE

* = exceeded holding time. +=exceeded screening level or final primary drinking water standard.

WELL: LFW43B (cont'd)

LABORATORY ANALYSES (cont'd)

H	ST	Analyte	Result	DF	Mod	Unit	Flag	Lab
		Gross alpha	4.86	1		pCi/L	0	GP
		Iodomethane (Methyl iodide)	<10	1	U	ug/L	0	GE
		Isobutyl alcohol	<20	1	U	ug/L	0	GE
		Lead, total recoverable	<5	1	U	ug/L	0	GE
		Lindane	<0.025	1	UJ	ug/L	0	GE
		Mercury, total recoverable	<0.2	1	U	ug/L	0	GE
		Mercury, total recoverable	<0.2	1	U	ug/L	0	GE
		Methacrylonitrile	<10	1	U	ug/L	0	GE
		Methoxychlor	<0.5	1	U	ug/L	0	GE
		Methyl ethyl ketone	<5	1	U	ug/L	0	GE
		Methyl isobutyl ketone	<10	1	U	ug/L	0	GE
		Methyl methacrylate	<10	1	U	ug/L	0	GE
		Nonvolatile beta	1.98	1		pCi/L	0	GP
		Propionitrile	<20	1	U	ug/L	0	GE
		Selenium, total recoverable	<5	1	U	ug/L	0	GE
		Silver, total recoverable	<2	1	U	ug/L	0	GE
		Styrene	<2	1	U	ug/L	0	GE
		Tetrachloroethylene	<2	1	U	ug/L	0	GE
		Toluene	<2	1	U	ug/L	0	GE
		Toxaphene	<1	1	U	ug/L	0	GE
		Trichloroethylene	<2	1	U	ug/L	0	GE
		Trichlorofluoromethane	<2	1	U	ug/L	0	GE
		Tritium	<-0.735	1	UI	pCi/mL	0	GP
		Vinyl acetate	<10	1	U	ug/L	1	GE
		Xylenes	<2	1	U	ug/L	0	GE
		cis-1,3-Dichloropropene	<2	1	U	ug/L	0	GE
		trans-1,2-Dichloroethylene	<2	1	U	ug/L	0	GE
		trans-1,3-Dichloropropene	<2	1	U	ug/L	0	GE
		trans-1,4-Dichloro-2-butene	<2	1	U	ug/L	0	GE

Number of Records: 77

* = exceeded holding time. +=exceeded screening level or final primary drinking water standard.

WELL: LFW43C

<u>SRS Coord.</u>	<u>Lat/Longitude</u>	<u>Screen Zone Elevation</u>	<u>Top of Casing</u>	<u>Casing</u>	<u>Pump</u>	<u>Formation</u>
N 86480.6	33.290838 Deg N	138.5-128.5 ft msl	202.6 ft msl	4" PVC	S	M. Steed Pond
E 45234.9	-81.715679 Deg W					

FIELD MEASUREMENTS

Sample Date: 12/09/96	Time: 8:57 AM
Water Depth: 38.55 ft	pH: 4.8
Water Elevation: 161.95 ft msl	Alkalinity: 3 mg/L
Sp. Conductance: 16 µS/cm	Water Temperature: 24 deg. C
Turbidity: 0.5 NTU	
Water Evacuated Before Sampling: 171 gal	Volumes Purged: 7.333 well volumes

LABORATORY ANALYSES

H	ST	Analyte	Result	DF	Mod	Unit	Flag	Lab
		2,4,5-TP (Silvex)	<0.0248	1	UJ	ug/L	0	GE
		2,4,5-TP (Silvex)	<0.0248	1	UJ	ug/L	0	GE
		2,4-Dichlorophenoxyacetic acid	<0.0495	1	UJ	ug/L	0	GE
		2,4-Dichlorophenoxyacetic acid	<0.0495	1	UJ	ug/L	0	GE
		Endrin	<0.05	1	U	ug/L	0	GE
		Endrin	<0.05	1	U	ug/L	0	GE
		Gross alpha	3.38	1		pCi/L	0	GP
		Gross alpha	2.13	1		pCi/L	0	GP
		Lindane	<0.025	1	UJ	ug/L	0	GE
		Lindane	<0.025	1	UJ	ug/L	0	GE
		Mercury, total recoverable	<0.035	1	U	ug/L	0	GE
		Mercury, total recoverable	<0.2	1	U	ug/L	0	GE
		Methoxychlor	<0.5	1	U	ug/L	0	GE
		Methoxychlor	<0.5	1	U	ug/L	0	GE
		Nonvolatile beta	2.94	1		pCi/L	0	GP
		Nonvolatile beta	2.49	1		pCi/L	0	GP
		Toxaphene	<1	1	U	ug/L	0	GE
		Toxaphene	<1	1	U	ug/L	0	GE
		Tritium	<-1.03	1	UI	pCi/mL	0	GP
		Tritium	<-0.607	1	UI	pCi/mL	0	GP

Number of Records: 20

FIELD MEASUREMENTS

Sample Date: 12/19/96	Time: 9:37 AM
Water Depth: 38.45 ft	pH: 4.2
Water Elevation: 162.05 ft msl	Alkalinity: 0 mg/L
Sp. Conductance: 19 µS/cm	Water Temperature: 24 deg. C
Turbidity: 0.2 NTU	
Water Evacuated Before Sampling: 98 gal	Volumes Purged: 4.190 well volumes

LABORATORY ANALYSES

H	ST	Analyte	Result	DF	Mod	Unit	Flag	Lab
		1,1,1,2-Tetrachloroethane	<2	1	U	ug/L	0	GE
		1,1,1,2-Tetrachloroethane	<2	1	U	ug/L	0	GE
		1,1,1-Trichloroethane	<2	1	U	ug/L	0	GE
		1,1,1-Trichloroethane	<2	1	U	ug/L	0	GE
		1,1,2,2-Tetrachloroethane	<2	1	U	ug/L	0	GE
		1,1,2,2-Tetrachloroethane	<2	1	U	ug/L	0	GE
		1,1,2-Trichloroethane	<2	1	U	ug/L	0	GE
		1,1,2-Trichloroethane	<2	1	U	ug/L	0	GE
		1,1-Dichloroethane	<2	1	U	ug/L	0	GE

* = exceeded holding time. +=exceeded screening level or final primary drinking water standard.

WELL: LFW 43C (cont'd)

LABORATORY ANALYSES (cont'd)

H	ST	Analyte	Result	DF	Mod	Unit	Flag	Lab
		1,1-Dichloroethane	<2	1	U	ug/L	0	GE
		1,1-Dichloroethylene	<2	1	U	ug/L	0	GE
		1,1-Dichloroethylene	<2	1	U	ug/L	0	GE
		1,2,3-Trichloropropane	<2	1	U	ug/L	0	GE
		1,2,3-Trichloropropane	<2	1	U	ug/L	0	GE
+		1,2-Dibromoethane	<2	1	U	ug/L	2	GE
+		1,2-Dibromoethane	<2	1	U	ug/L	2	GE
		1,2-Dichlorobenzene	<2	1	U	ug/L	0	GE
		1,2-Dichlorobenzene	<2	1	U	ug/L	0	GE
		1,2-Dichloroethane	<2	1	U	ug/L	0	GE
		1,2-Dichloroethane	<2	1	U	ug/L	0	GE
		1,2-Dichloropropane	<2	1	U	ug/L	0	GE
		1,2-Dichloropropane	<2	1	U	ug/L	0	GE
		1,3-Dichlorobenzene	<2	1	U	ug/L	0	GE
		1,3-Dichlorobenzene	<2	1	U	ug/L	0	GE
		1,4-Dichlorobenzene	<2	1	U	ug/L	0	GE
		1,4-Dichlorobenzene	<2	1	U	ug/L	0	GE
		2-Chloroethyl vinyl ether	<10	1	U	ug/L	1	GE
		2-Chloroethyl vinyl ether	<10	1	U	ug/L	1	GE
		2-Hexanone	<10	1	U	ug/L	0	GE
		2-Hexanone	<10	1	U	ug/L	0	GE
		Acetone	<10	1	U	ug/L	0	GE
		Acetone	<10	1	U	ug/L	0	GE
		Acetonitrile (Methyl cyanide)	<10	1	U	ug/L	0	GE
		Acetonitrile (Methyl cyanide)	<10	1	U	ug/L	0	GE
		Acrolein	<20	1	U	ug/L	0	GE
		Acrolein	<20	1	U	ug/L	0	GE
		Acrylonitrile	<50	1	U	ug/L	0	GE
		Acrylonitrile	<50	1	U	ug/L	0	GE
		Allyl chloride	<10	1	U	ug/L	0	GE
		Allyl chloride	<10	1	U	ug/L	0	GE
		Arsenic, total recoverable	<5	1	U	ug/L	0	GE
		Arsenic, total recoverable	<5	1	U	ug/L	0	GE
		Barium, total recoverable	4.84	1		ug/L	0	GE
		Barium, total recoverable	4.49	1		ug/L	0	GE
		Benzene	<2	1	U	ug/L	0	GE
		Benzene	<2	1	U	ug/L	0	GE
		Bromodichloromethane	<2	1	U	ug/L	0	GE
		Bromodichloromethane	<2	1	U	ug/L	0	GE
		Bromoform	<2	1	U	ug/L	0	GE
		Bromoform	<2	1	U	ug/L	0	GE
		Bromomethane (Methyl bromide)	<2	1	U	ug/L	0	GE
		Bromomethane (Methyl bromide)	<2	1	U	ug/L	0	GE
		Cadmium, total recoverable	<2	1	U	ug/L	0	GE
		Cadmium, total recoverable	0.386	1	J	ug/L	0	GE
		Carbon disulfide	<5	1	U	ug/L	0	GE
		Carbon disulfide	<5	1	U	ug/L	0	GE
		Carbon tetrachloride	<2	1	U	ug/L	0	GE
		Carbon tetrachloride	<2	1	U	ug/L	0	GE
		Chlorobenzene	<2	1	U	ug/L	0	GE
		Chlorobenzene	<2	1	U	ug/L	0	GE
		Chloroethane	<2	1	U	ug/L	0	GE
		Chloroethane	<2	1	U	ug/L	0	GE
		Chloroethene (Vinyl chloride)	<2	1	U	ug/L	1	GE
		Chloroethene (Vinyl chloride)	<2	1	U	ug/L	1	GE
		Chloroform	<2	1	U	ug/L	0	GE
		Chloroform	<2	1	U	ug/L	0	GE

* = exceeded holding time. +=exceeded screening level or final primary drinking water standard.

WELL: LFW 43C (cont'd)

LABORATORY ANALYSES (cont'd)

H	ST	Analyte	Result	DF	Mod	Unit	Flag	Lab
		Chloromethane (Methyl chloride)	<2	1	U	ug/L	0	GE
		Chloromethane (Methyl chloride)	<2	1	U	ug/L	0	GE
		Chloroprene	<2	1	U	ug/L	0	GE
		Chloroprene	<2	1	U	ug/L	0	GE
		Chromium, total recoverable	<0.974	1	U	ug/L	0	GE
		Chromium, total recoverable	<1.72	1	U	ug/L	0	GE
		Dibromochloromethane	<2	1	U	ug/L	0	GE
		Dibromochloromethane	<2	1	U	ug/L	0	GE
		Dibromomethane (Methylene bromide)	<2	1	U	ug/L	0	GE
		Dibromomethane (Methylene bromide)	<2	1	U	ug/L	0	GE
		Dichlorodifluoromethane	<2	1	U	ug/L	0	GE
		Dichlorodifluoromethane	<2	1	U	ug/L	0	GE
		Dichloromethane (Methylene chloride)	<10	1	U	ug/L	2	GE
		Dichloromethane (Methylene chloride)	<10	1	U	ug/L	2	GE
		Ethylbenzene	<2	1	U	ug/L	0	GE
		Ethylbenzene	<2	1	U	ug/L	0	GE
		Gross alpha	2.64	1		pCi/L	0	GP
		Gross alpha	2.43	1		pCi/L	0	GP
		Iodomethane (Methyl iodide)	<10	1	U	ug/L	0	GE
		Iodomethane (Methyl iodide)	<10	1	U	ug/L	0	GE
		Isobutyl alcohol	<20	1	U	ug/L	0	GE
		Isobutyl alcohol	<20	1	U	ug/L	0	GE
		Lead, total recoverable	2.49	1	J	ug/L	0	GE
		Lead, total recoverable	2.17	1	J	ug/L	0	GE
		Mercury, total recoverable	<0.2	1	U	ug/L	0	GE
		Mercury, total recoverable	<0.2	1	U	ug/L	0	GE
		Mercury, total recoverable	<0.024	1	U	ug/L	0	GE
		Methacrylonitrile	<10	1	U	ug/L	0	GE
		Methacrylonitrile	<10	1	U	ug/L	0	GE
		Methyl ethyl ketone	<5	1	U	ug/L	0	GE
		Methyl ethyl ketone	<5	1	U	ug/L	0	GE
		Methyl isobutyl ketone	<10	1	U	ug/L	0	GE
		Methyl isobutyl ketone	<10	1	U	ug/L	0	GE
		Methyl methacrylate	<10	1	U	ug/L	0	GE
		Methyl methacrylate	<10	1	U	ug/L	0	GE
		Propionitrile	<20	1	U	ug/L	0	GE
		Propionitrile	<20	1	U	ug/L	0	GE
		Selenium, total recoverable	1.63	1	J	ug/L	0	GE
		Selenium, total recoverable	<5	1	U	ug/L	0	GE
		Silver, total recoverable	<2	1	U	ug/L	0	GE
		Silver, total recoverable	<2	1	U	ug/L	0	GE
		Styrene	<2	1	U	ug/L	0	GE
		Styrene	<2	1	U	ug/L	0	GE
		Tetrachloroethylene	<2	1	U	ug/L	0	GE
		Tetrachloroethylene	<2	1	U	ug/L	0	GE
		Toluene	<2	1	U	ug/L	0	GE
		Toluene	<2	1	U	ug/L	0	GE
		Trichloroethylene	<2	1	U	ug/L	0	GE
		Trichloroethylene	<2	1	U	ug/L	0	GE
		Trichlorofluoromethane	<2	1	U	ug/L	0	GE
		Trichlorofluoromethane	<2	1	U	ug/L	0	GE
		Tritium	<0.448	1	UI	pCi/mL	0	GP
		Tritium	<0.33	1	UI	pCi/mL	0	GP
		Vinyl acetate	<10	1	U	ug/L	1	GE
		Vinyl acetate	<10	1	U	ug/L	1	GE
		Xylenes	<2	1	U	ug/L	0	GE
		Xylenes	<2	1	U	ug/L	0	GE

* = exceeded holding time. +=exceeded screening level or final primary drinking water standard.

WELL: LFW 43C (cont'd)

LABORATORY ANALYSES (cont'd)

H	ST	Analyte	Result	DF	Mod	Unit	Flag	Lab
		cis-1,3-Dichloropropene	<2	1	U	ug/L	0	GE
		cis-1,3-Dichloropropene	<2	1	U	ug/L	0	GE
		trans-1,2-Dichloroethylene	<2	1	U	ug/L	0	GE
		trans-1,2-Dichloroethylene	<2	1	U	ug/L	0	GE
		trans-1,3-Dichloropropene	<2	1	U	ug/L	0	GE
		trans-1,3-Dichloropropene	<2	1	U	ug/L	0	GE
		trans-1,4-Dichloro-2-butene	<2	1	U	ug/L	0	GE
		trans-1,4-Dichloro-2-butene	<2	1	U	ug/L	0	GE

Number of Records: 138

FIELD MEASUREMENTS

Sample Date: 12/19/96
Water Depth: 38.45 ft
Water Elevation: 162.05 ft ms1
Sp. Conductance: 19 µS/cm
Turbidity: 0.2 NTU
Water Evacuated Before Sampling: 98 gal

Time: 12:21 PM
pH: 4.2
Alkalinity: 0 mg/L
Water Temperature: 24 deg. C
Volumes Purged: 4.190 well volumes

LABORATORY ANALYSES

H	ST	Analyte	Result	DF	Mod	Unit	Flag	Lab
		1,1,1,2-Tetrachloroethane	<5	1	U	ug/L	0	WA
		1,1,1,2-Tetrachloroethane	<5	1	U	ug/L	0	WA
		1,1,1,2-Tetrachloroethane	<5	1	U	ug/L	0	WA
		1,1,1,2-Tetrachloroethane	<5	1	U	ug/L	0	WA
		1,1,1-Trichloroethane	<5	1	U	ug/L	0	WA
		1,1,1-Trichloroethane	<5	1	U	ug/L	0	WA
		1,1,1-Trichloroethane	<5	1	U	ug/L	0	WA
		1,1,1-Trichloroethane	<5	1	U	ug/L	0	WA
		1,1,2,2-Tetrachloroethane	<5	1	U	ug/L	0	WA
		1,1,2,2-Tetrachloroethane	<5	1	U	ug/L	0	WA
		1,1,2,2-Tetrachloroethane	<5	1	U	ug/L	0	WA
		1,1,2,2-Tetrachloroethane	<5	1	U	ug/L	0	WA
		1,1,2-Trichloroethane	<5	1	U	ug/L	1	WA
		1,1,2-Trichloroethane	<5	1	U	ug/L	1	WA
		1,1,2-Trichloroethane	<5	1	U	ug/L	1	WA
		1,1,2-Trichloroethane	<5	1	U	ug/L	1	WA
		1,1-Dichloroethane	<5	1	U	ug/L	0	WA
		1,1-Dichloroethane	<5	1	U	ug/L	0	WA
		1,1-Dichloroethane	<5	1	U	ug/L	0	WA
		1,1-Dichloroethane	<5	1	U	ug/L	0	WA
		1,1-Dichloroethylene	<5	1	U	ug/L	1	WA
		1,1-Dichloroethylene	<5	1	U	ug/L	1	WA
		1,1-Dichloroethylene	<5	1	U	ug/L	1	WA
		1,2,3-Trichloropropane	<5	1	U	ug/L	0	WA
		1,2,3-Trichloropropane	<5	1	U	ug/L	0	WA
		1,2,3-Trichloropropane	<5	1	U	ug/L	0	WA
		1,2,3-Trichloropropane	<5	1	U	ug/L	0	WA
		1,2,4-Trichlorobenzene	<5	1	U	ug/L	0	WA
		1,2,4-Trichlorobenzene	<5	1	U	ug/L	0	WA
		1,2,4-Trichlorobenzene	<5	1	U	ug/L	0	WA
		1,2,4-Trichlorobenzene	<5	1	U	ug/L	0	WA
+		1,2-Dibromoethane	<10	1	U	ug/L	2	WA
+		1,2-Dibromoethane	<10	1	U	ug/L	2	WA
+		1,2-Dibromoethane	<10	1	U	ug/L	2	WA
+		1,2-Dibromoethane	<10	1	U	ug/L	2	WA

* = exceeded holding time. +=exceeded screening level or final primary drinking water standard.

WELL: LFW 43C (cont'd)

LABORATORY ANALYSES (cont'd)

H	ST	Analyte	Result	DF	Mod	Unit	Flag	Lab
		1,2-Dichlorobenzene	<5	1	U	ug/L	0	WA
		1,2-Dichlorobenzene	<5	1	U	ug/L	0	WA
		1,2-Dichlorobenzene	<5	1	U	ug/L	0	WA
		1,2-Dichlorobenzene	<5	1	U	ug/L	0	WA
		1,2-Dichloroethane	<5	1	U	ug/L	1	WA
		1,2-Dichloroethane	<5	1	U	ug/L	1	WA
		1,2-Dichloroethane	<5	1	U	ug/L	1	WA
		1,2-Dichloroethane	<5	1	U	ug/L	1	WA
		1,2-Dichloropropane	<5	1	U	ug/L	1	WA
		1,2-Dichloropropane	<5	1	U	ug/L	1	WA
		1,2-Dichloropropane	<5	1	U	ug/L	1	WA
		1,2-Dichloropropane	<5	1	U	ug/L	1	WA
		1,3-Dichlorobenzene	<5	1	U	ug/L	0	WA
		1,3-Dichlorobenzene	<5	1	U	ug/L	0	WA
		1,3-Dichlorobenzene	<5	1	U	ug/L	0	WA
		1,3-Dichlorobenzene	<5	1	U	ug/L	0	WA
		1,4-Dichlorobenzene	<5	1	U	ug/L	0	WA
		1,4-Dichlorobenzene	<5	1	U	ug/L	0	WA
		1,4-Dichlorobenzene	<5	1	U	ug/L	0	WA
		1,4-Dichlorobenzene	<5	1	U	ug/L	0	WA
		2-Chloroethyl vinyl ether	<10	1	U	ug/L	1	WA
		2-Chloroethyl vinyl ether	<10	1	U	ug/L	1	WA
		2-Chloroethyl vinyl ether	<10	1	U	ug/L	1	WA
		2-Chloroethyl vinyl ether	<10	1	U	ug/L	1	WA
		2-Hexanone	<10	1	U	ug/L	0	WA
		2-Hexanone	<10	1	U	ug/L	0	WA
		2-Hexanone	<10	1	U	ug/L	0	WA
		2-Hexanone	<10	1	U	ug/L	0	WA
		Acetone	<10	1	U	ug/L	0	WA
		Acetone	<10	1	U	ug/L	0	WA
		Acetone	<10	1	U	ug/L	0	WA
		Acetone	<10	1	U	ug/L	0	WA
		Acetonitrile (Methyl cyanide)	<20	1	U	ug/L	0	WA
		Acetonitrile (Methyl cyanide)	<20	1	U	ug/L	0	WA
		Acetonitrile (Methyl cyanide)	<20	1	U	ug/L	0	WA
		Acetonitrile (Methyl cyanide)	<20	1	U	ug/L	0	WA
		Acrolein	<10	1	U	ug/L	0	WA
		Acrolein	<10	1	U	ug/L	0	WA
		Acrolein	<10	1	U	ug/L	0	WA
		Acrolein	<10	1	U	ug/L	0	WA
		Acrylonitrile	<10	1	U	ug/L	0	WA
		Acrylonitrile	<10	1	U	ug/L	0	WA
		Acrylonitrile	<10	1	U	ug/L	0	WA
		Acrylonitrile	<10	1	U	ug/L	0	WA
		Allyl chloride	<20	1	U	ug/L	0	WA
		Allyl chloride	<20	1	U	ug/L	0	WA
		Allyl chloride	<20	1	U	ug/L	0	WA
		Allyl chloride	<20	1	U	ug/L	0	WA
		Arsenic, total recoverable	<40	1	U	ug/L	1	WA
		Arsenic, total recoverable	<40	1	U	ug/L	1	WA
		Arsenic, total recoverable	<40	1	U	ug/L	1	WA
		Barium, total recoverable	2.6	1		ug/L	0	WA
		Barium, total recoverable	3.6	1		ug/L	0	WA
		Barium, total recoverable	3.4	1		ug/L	0	WA
		Benzene	<5	1	U	ug/L	1	WA
		Benzene	<5	1	U	ug/L	1	WA
		Benzene	<5	1	U	ug/L	1	WA

* = exceeded holding time. +=exceeded screening level or final primary drinking water standard.

WELL: LFW 43C (cont'd)

LABORATORY ANALYSES (cont'd)

H	ST	Analyte	Result	DF	Mod	Unit	Flag	Lab
		Bromodichloromethane	<5	1	U	ug/L	0	WA
		Bromodichloromethane	<5	1	U	ug/L	0	WA
		Bromodichloromethane	<5	1	U	ug/L	0	WA
		Bromodichloromethane	<5	1	U	ug/L	0	WA
		Bromoform	<5	1	U	ug/L	0	WA
		Bromoform	<5	1	U	ug/L	0	WA
		Bromoform	<5	1	U	ug/L	0	WA
		Bromoform	<5	1	U	ug/L	0	WA
		Bromomethane (Methyl bromide)	<10	1	U	ug/L	1	WA
		Bromomethane (Methyl bromide)	<10	1	U	ug/L	1	WA
		Bromomethane (Methyl bromide)	<10	1	U	ug/L	1	WA
		Bromomethane (Methyl bromide)	<10	1	U	ug/L	1	WA
		Cadmium, total recoverable	<4.7	1	U	ug/L	1	WA
		Cadmium, total recoverable	<4.7	1	U	ug/L	1	WA
		Cadmium, total recoverable	<4.7	1	U	ug/L	1	WA
		Carbon disulfide	<5	1	U	ug/L	0	WA
		Carbon disulfide	<5	1	U	ug/L	0	WA
		Carbon disulfide	<5	1	U	ug/L	0	WA
		Carbon disulfide	<5	1	U	ug/L	0	WA
		Carbon tetrachloride	<5	1	U	ug/L	1	WA
		Carbon tetrachloride	<5	1	U	ug/L	1	WA
		Carbon tetrachloride	<5	1	U	ug/L	1	WA
		Carbon tetrachloride	<5	1	U	ug/L	1	WA
		Chlorobenzene	<5	1	U	ug/L	0	WA
		Chlorobenzene	<5	1	U	ug/L	0	WA
		Chlorobenzene	<5	1	U	ug/L	0	WA
		Chloroethane	<10	1	U	ug/L	1	WA
		Chloroethane	<10	1	U	ug/L	1	WA
		Chloroethane	<10	1	U	ug/L	1	WA
		Chloroethane	<10	1	U	ug/L	1	WA
+		Chloroethene (Vinyl chloride)	<10	1	U	ug/L	2	WA
+		Chloroethene (Vinyl chloride)	<10	1	U	ug/L	2	WA
+		Chloroethene (Vinyl chloride)	<10	1	U	ug/L	2	WA
+		Chloroethene (Vinyl chloride)	<10	1	U	ug/L	2	WA
		Chloroform	<5	1	U	ug/L	0	WA
		Chloroform	<5	1	U	ug/L	0	WA
		Chloroform	<5	1	U	ug/L	0	WA
		Chloroform	<5	1	U	ug/L	0	WA
		Chloromethane (Methyl chloride)	<10	1	U	ug/L	1	WA
		Chloromethane (Methyl chloride)	<10	1	U	ug/L	1	WA
		Chloromethane (Methyl chloride)	<10	1	U	ug/L	1	WA
		Chloromethane (Methyl chloride)	<10	1	U	ug/L	1	WA
		Chloroprene	<5	1	U	ug/L	0	WA
		Chloroprene	<5	1	U	ug/L	0	WA
		Chloroprene	<5	1	U	ug/L	0	WA
		Chloroprene	<5	1	U	ug/L	0	WA
		Chromium, total recoverable	<7	1	U	ug/L	0	WA
		Chromium, total recoverable	<7	1	U	ug/L	0	WA
		Chromium, total recoverable	<7	1	U	ug/L	0	WA
		Dibromochloromethane	<5	1	U	ug/L	0	WA
		Dibromochloromethane	<5	1	U	ug/L	0	WA
		Dibromochloromethane	<5	1	U	ug/L	0	WA
		Dibromochloromethane	<5	1	U	ug/L	0	WA
		Dibromomethane (Methylene bromide)	<10	1	U	ug/L	1	WA
		Dibromomethane (Methylene bromide)	<10	1	U	ug/L	1	WA
		Dibromomethane (Methylene bromide)	<10	1	U	ug/L	1	WA
		Dibromomethane (Methylene bromide)	<10	1	U	ug/L	1	WA

* = exceeded holding time. +=exceeded screening level or final primary drinking water standard.

WELL: LFW 43C (cont'd)

LABORATORY ANALYSES (cont'd)

H	ST	Analyte	Result	DF	Mod	Unit	Flag	Lab
		Dichlorodifluoromethane	<10	1	U	ug/L	1	WA
		Dichlorodifluoromethane	<10	1	U	ug/L	1	WA
		Dichlorodifluoromethane	<10	1	U	ug/L	1	WA
		Dichlorodifluoromethane	<10	1	U	ug/L	1	WA
+		Dichloromethane (Methylene chloride)	<13.6	1	U	ug/L	2	WA
+		Dichloromethane (Methylene chloride)	<5.59	1	U	ug/L	2	WA
+		Dichloromethane (Methylene chloride)	<6.31	1	U	ug/L	2	WA
		Dichloromethane (Methylene chloride)	<2.24	1	U	ug/L	0	WA
		Ethylbenzene	<5	1	U	ug/L	0	WA
		Ethylbenzene	<5	1	U	ug/L	0	WA
		Ethylbenzene	<5	1	U	ug/L	0	WA
		Ethylbenzene	<5	1	U	ug/L	0	WA
		Gross alpha	11.92	1		pCi/L	1	TM
		Gross alpha	1.45	1	J	pCi/L	0	TM
		Gross alpha	2.76	1		pCi/L	0	TM
		Hexachlorobutadiene	<5	1	U	ug/L	0	WA
		Hexachlorobutadiene	<5	1	U	ug/L	0	WA
		Hexachlorobutadiene	<5	1	U	ug/L	0	WA
		Hexachlorobutadiene	<5	1	U	ug/L	0	WA
		Iodomethane (Methyl iodide)	<5	1	U	ug/L	0	WA
		Iodomethane (Methyl iodide)	<5	1	U	ug/L	0	WA
		Iodomethane (Methyl iodide)	<5	1	U	ug/L	0	WA
		Iodomethane (Methyl iodide)	<5	1	U	ug/L	0	WA
		Isobutyl alcohol	<50	1	U	ug/L	0	WA
		Isobutyl alcohol	<50	1	U	ug/L	0	WA
		Isobutyl alcohol	<50	1	U	ug/L	0	WA
		Isobutyl alcohol	<50	1	U	ug/L	0	WA
		Lead, total recoverable	<7.7	1	U	ug/L	0	WA
		Lead, total recoverable	<11.4	1	U	ug/L	0	WA
		Lead, total recoverable	<10.1	1	U	ug/L	0	WA
		Mercury, total recoverable	<0.7	1	U	ug/L	0	WA
		Mercury, total recoverable	<0.7	1	U	ug/L	0	WA
		Mercury, total recoverable	<0.7	1	U	ug/L	0	WA
		Methacrylonitrile	<20	1	U	ug/L	0	WA
		Methacrylonitrile	<20	1	U	ug/L	0	WA
		Methacrylonitrile	<20	1	U	ug/L	0	WA
		Methacrylonitrile	<20	1	U	ug/L	0	WA
		Methyl ethyl ketone	<10	1	U	ug/L	0	WA
		Methyl ethyl ketone	<10	1	U	ug/L	0	WA
		Methyl ethyl ketone	<10	1	U	ug/L	0	WA
		Methyl ethyl ketone	<10	1	U	ug/L	0	WA
		Methyl isobutyl ketone	<10	1	U	ug/L	0	WA
		Methyl isobutyl ketone	<10	1	U	ug/L	0	WA
		Methyl isobutyl ketone	<10	1	U	ug/L	0	WA
		Methyl isobutyl ketone	<10	1	U	ug/L	0	WA
		Naphthalene	<5	1	U	ug/L	0	WA
		Naphthalene	<5	1	U	ug/L	0	WA
		Naphthalene	<5	1	U	ug/L	0	WA
		Naphthalene	<5	1	U	ug/L	0	WA
		Propionitrile	<20	1	U	ug/L	0	WA
		Propionitrile	<20	1	U	ug/L	0	WA
		Propionitrile	<20	1	U	ug/L	0	WA
		Propionitrile	<20	1	U	ug/L	0	WA
+		Selenium, total recoverable	<66	1	U	ug/L	2	WA
+		Selenium, total recoverable	<66	1	U	ug/L	2	WA
+		Selenium, total recoverable	<66	1	U	ug/L	2	WA
		Silver, total recoverable	<5	1	U	ug/L	0	WA

* = exceeded holding time. +=exceeded screening level or final primary drinking water standard.

WELL: LFW 43C (cont'd)

LABORATORY ANALYSES (cont'd)

H	ST	Analyte	Result	DF	Mod	Unit	Flag	Lab
		Silver, total recoverable	<5	1	U	ug/L	0	WA
		Silver, total recoverable	<5	1	U	ug/L	0	WA
		Styrene	<5	1	U	ug/L	0	WA
		Styrene	<5	1	U	ug/L	0	WA
		Styrene	<5	1	U	ug/L	0	WA
		Styrene	<5	1	U	ug/L	0	WA
		Tetrachloroethylene	<5	1	U	ug/L	1	WA
		Tetrachloroethylene	<5	1	U	ug/L	1	WA
		Tetrachloroethylene	<5	1	U	ug/L	1	WA
		Tetrachloroethylene	<5	1	U	ug/L	1	WA
		Toluene	<5	1	U	ug/L	0	WA
		Toluene	<5	1	U	ug/L	0	WA
		Toluene	<5	1	U	ug/L	0	WA
		Trichloroethylene	<5	1	U	ug/L	1	WA
		Trichloroethylene	<5	1	U	ug/L	1	WA
		Trichloroethylene	<5	1	U	ug/L	1	WA
		Trichlorofluoromethane	<5	1	U	ug/L	0	WA
		Trichlorofluoromethane	<5	1	U	ug/L	0	WA
		Trichlorofluoromethane	<5	1	U	ug/L	0	WA
		Trichlorofluoromethane	<5	1	U	ug/L	0	WA
		Tritium	0.85	1	J	pCi/mL	0	TM
		Tritium	1.18	1		pCi/mL	0	TM
		Tritium	0.77	1	J	pCi/mL	0	TM
		Vinyl acetate	<10	1	U	ug/L	1	WA
		Vinyl acetate	<10	1	U	ug/L	1	WA
		Vinyl acetate	<10	1	U	ug/L	1	WA
		Vinyl acetate	<10	1	U	ug/L	1	WA
		cis-1,3-Dichloropropene	<5	1	U	ug/L	0	WA
		cis-1,3-Dichloropropene	<5	1	U	ug/L	0	WA
		cis-1,3-Dichloropropene	<5	1	U	ug/L	0	WA
		cis-1,3-Dichloropropene	<5	1	U	ug/L	0	WA
		trans-1,2-Dichloroethylene	<5	1	U	ug/L	0	WA
		trans-1,2-Dichloroethylene	<5	1	U	ug/L	0	WA
		trans-1,2-Dichloroethylene	<5	1	U	ug/L	0	WA
		trans-1,2-Dichloroethylene	<5	1	U	ug/L	0	WA
		trans-1,3-Dichloropropene	<5	1	U	ug/L	0	WA
		trans-1,3-Dichloropropene	<5	1	U	ug/L	0	WA
		trans-1,3-Dichloropropene	<5	1	U	ug/L	0	WA
		trans-1,3-Dichloropropene	<5	1	U	ug/L	0	WA
		trans-1,4-Dichloro-2-butene	<20	1	U	ug/L	0	WA
		trans-1,4-Dichloro-2-butene	<20	1	U	ug/L	0	WA
		trans-1,4-Dichloro-2-butene	<20	1	U	ug/L	0	WA
		trans-1,4-Dichloro-2-butene	<20	1	U	ug/L	0	WA

Number of Records: 336

* = exceeded holding time. +=exceeded screening level or final primary drinking water standard.

WELL: LFW43D

<u>SRS Coord.</u>	<u>Lat/Longitude</u>	<u>Screen Zone Elevation</u>	<u>Top of Casing</u>	<u>Casing</u>	<u>Pump</u>	<u>Formation</u>
N 86443.2	33.290771 Deg N	170.9-150.9 ft msl	202.9 ft msl	4" PVC	S	U. Steed Pond
E 45244.5	-81.715581 Deg W					

FIELD MEASUREMENTS

Sample Date: 12/09/96	Time: 10:50 AM
Water Depth: 38.52 ft	pH: 4.8
Water Elevation: 162.38 ft msl	Alkalinity: 1 mg/L
Sp. Conductance: 26 µS/cm	Water Temperature: 18.4 deg. C
Turbidity: 4.6 NTU	
Water Evacuated Before Sampling: 67 gal	Volumes Purged: 7.577 well volumes

LABORATORY ANALYSES

H	ST	Analyte	Result	DF	Mod	Unit	Flag	Lab
		1,1,1,2-Tetrachloroethane	<2	1	U	ug/L	0	GE
		1,1,1-Trichloroethane	<2	1	U	ug/L	0	GE
		1,1,2,2-Tetrachloroethane	<2	1	U	ug/L	0	GE
		1,1,2-Trichloroethane	<2	1	U	ug/L	0	GE
		1,1-Dichloroethane	<2	1	U	ug/L	0	GE
		1,1-Dichloroethylene	<2	1	U	ug/L	0	GE
		1,2,3-Trichloropropane	<2	1	U	ug/L	0	GE
+		1,2-Dibromoethane	<2	1	U	ug/L	2	GE
		1,2-Dichlorobenzene	<2	1	U	ug/L	0	GE
		1,2-Dichloroethane	<2	1	U	ug/L	0	GE
		1,2-Dichloropropane	<2	1	U	ug/L	0	GE
		1,3-Dichlorobenzene	<2	1	U	ug/L	0	GE
		1,4-Dichlorobenzene	<2	1	U	ug/L	0	GE
		2,4,5-TP (Silvex)	<0.0254	1	U	ug/L	0	GE
		2,4-Dichlorophenoxyacetic acid	<0.0508	1	UJ	ug/L	0	GE
		2-Chloroethyl vinyl ether	<10	1	U	ug/L	1	GE
		2-Hexanone	<10	1	U	ug/L	0	GE
		Acetone	<10	1	U	ug/L	0	GE
		Acetonitrile (Methyl cyanide)	<10	1	U	ug/L	0	GE
		Acrolein	<20	1	U	ug/L	0	GE
		Acrylonitrile	<50	1	U	ug/L	0	GE
		Allyl chloride	<10	1	U	ug/L	0	GE
		Arsenic, total recoverable	<5	1	U	ug/L	0	GE
		Barium, total recoverable	6.94	1		ug/L	0	GE
		Benzene	<2	1	U	ug/L	0	GE
		Bromodichloromethane	<2	1	U	ug/L	0	GE
		Bromoform	<2	1	U	ug/L	0	GE
		Bromomethane (Methyl bromide)	<2	1	U	ug/L	0	GE
		Cadmium, total recoverable	<2	1	U	ug/L	0	GE
		Carbon disulfide	<5	1	U	ug/L	0	GE
		Carbon tetrachloride	<2	1	U	ug/L	0	GE
		Chlorobenzene	<2	1	U	ug/L	0	GE
		Chloroethane	<2	1	U	ug/L	0	GE
		Chloroethene (Vinyl chloride)	<2	1	U	ug/L	1	GE
		Chloroform	<2	1	U	ug/L	0	GE
		Chloromethane (Methyl chloride)	<2	1	U	ug/L	0	GE
		Chloroprene	<2	1	U	ug/L	0	GE
		Chromium, total recoverable	9.71	1		ug/L	0	GE
		Dibromochloromethane	<2	1	U	ug/L	0	GE
		Dibromomethane (Methylene bromide)	<2	1	U	ug/L	0	GE
		Dichlorodifluoromethane	<2	1	U	ug/L	0	GE
+		Dichloromethane (Methylene chloride)	<10	1	U	ug/L	2	GE
		Endrin	<0.05	1	U	ug/L	0	GE
		Ethylbenzene	<2	1	U	ug/L	0	GE

* = exceeded holding time. +=exceeded screening level or final primary drinking water standard.

WELL: LFW43D (cont'd)

LABORATORY ANALYSES (cont'd)

H	ST	Analyte	Result	DF	Mod	Unit	Flag	Lab
		Gross alpha	4.89	1		pCi/L	0	GP
		Iodomethane (Methyl iodide)	<10	1	U	ug/L	0	GE
		Isobutyl alcohol	<20	1	U	ug/L	0	GE
		Lead, total recoverable	<5	1	U	ug/L	0	GE
		Lindane	<0.025	1	UJ	ug/L	0	GE
		Mercury, total recoverable	0.162	1	J	ug/L	0	GE
		Methacrylonitrile	<10	1	U	ug/L	0	GE
		Methoxychlor	<0.5	1	U	ug/L	0	GE
		Methyl ethyl ketone	<5	1	U	ug/L	0	GE
		Methyl isobutyl ketone	<10	1	U	ug/L	0	GE
		Methyl methacrylate	<10	1	U	ug/L	0	GE
		Nonvolatile beta	3.82	1		pCi/L	0	GP
		Propionitrile	<20	1	U	ug/L	0	GE
		Selenium, total recoverable	<5	1	U	ug/L	0	GE
		Silver, total recoverable	<2	1	U	ug/L	0	GE
		Styrene	<2	1	U	ug/L	0	GE
		Tetrachloroethylene	<2	1	U	ug/L	0	GE
		Toluene	<2	1	U	ug/L	0	GE
		Toxaphene	<1	1	U	ug/L	0	GE
		Trichloroethylene	<2	1	U	ug/L	0	GE
		Trichlorofluoromethane	<2	1	U	ug/L	0	GE
		Tritium	<-1.16	1	UI	pCi/mL	0	GP
		Tritium	<-1.28	1	UI	pCi/mL	0	GP
		Vinyl acetate	<10	1	U	ug/L	1	GE
		Xylenes	<2	1	U	ug/L	0	GE
		cis-1,3-Dichloropropene	<2	1	U	ug/L	0	GE
		trans-1,2-Dichloroethylene	<2	1	U	ug/L	0	GE
		trans-1,3-Dichloropropene	<2	1	U	ug/L	0	GE
		trans-1,4-Dichloro-2-butene	<2	1	U	ug/L	0	GE

Number of Records: 77

* = exceeded holding time. +=exceeded screening level or final primary drinking water standard.

WELL: LFW45D

<u>SRS Coord.</u>	<u>Lat/Longitude</u>	<u>Screen Zone Elevation</u>	<u>Top of Casing</u>	<u>Casing</u>	<u>Pump</u>	<u>Formation</u>
N 84217.8	33.285684 Deg N	154.7-134.7 ft msl	166.3 ft msl	4" PVC	S	U. Steed Pond
E 45142	-81.711525 Deg W					

FIELD MEASUREMENTS

Sample Date: 12/09/96	Time: 8:40 AM
Water Depth: 15 ft	pH: 4.4
Water Elevation: 149.4 ft msl	Alkalinity: 1 mg/L
Sp. Conductance: 28 µS/cm	Water Temperature: 28 deg. C
Turbidity: 2.9 NTU	
Water Evacuated Before Sampling: 43 gal	Volumes Purged: 3.949 well volumes

LABORATORY ANALYSES

H	ST	Analyte	Result	DF	Mod	Unit	Flag	Lab
		1,1,1,2-Tetrachloroethane	<2	1	U	ug/L	0	GE
		1,1,1-Trichloroethane	<2	1	U	ug/L	0	GE
		1,1,2,2-Tetrachloroethane	<2	1	U	ug/L	0	GE
		1,1,2-Trichloroethane	<2	1	U	ug/L	0	GE
		1,1-Dichloroethane	<2	1	U	ug/L	0	GE
		1,1-Dichloroethylene	<2	1	U	ug/L	0	GE
		1,2,3-Trichloropropane	<2	1	U	ug/L	0	GE
+		1,2-Dibromoethane	<2	1	U	ug/L	2	GE
		1,2-Dichlorobenzene	<2	1	U	ug/L	0	GE
		1,2-Dichloroethane	<2	1	U	ug/L	0	GE
		1,2-Dichloropropane	<2	1	U	ug/L	0	GE
		1,3-Dichlorobenzene	<2	1	U	ug/L	0	GE
		1,4-Dichlorobenzene	<2	1	U	ug/L	0	GE
		2,4,5-TP (Silvex)	<0.025	1	U	ug/L	0	GE
		2,4,5-TP (Silvex)	<0.025	1	U	ug/L	0	GE
		2,4-Dichlorophenoxyacetic acid	<0.05	1	UJ	ug/L	0	GE
		2,4-Dichlorophenoxyacetic acid	<0.05	1	UJ	ug/L	0	GE
		2-Chloroethyl vinyl ether	<10	1	U	ug/L	1	GE
		2-Hexanone	<10	1	U	ug/L	0	GE
		Acetone	<10	1	U	ug/L	0	GE
		Acetonitrile (Methyl cyanide)	<10	1	U	ug/L	0	GE
		Acrolein	<20	1	U	ug/L	0	GE
		Acrylonitrile	<50	1	U	ug/L	0	GE
		Aldrin	<0.025	1	U	ug/L	0	GE
		Allyl chloride	<10	1	U	ug/L	0	GE
		Arsenic, total recoverable	<5	1	U	ug/L	0	GE
		Barium, total recoverable	8.83	1		ug/L	0	GE
		Benzene	<2	1	U	ug/L	0	GE
		Bromodichloromethane	<2	1	U	ug/L	0	GE
		Bromoform	<2	1	U	ug/L	0	GE
		Bromomethane (Methyl bromide)	<2	1	U	ug/L	0	GE
		Cadmium, total recoverable	<2	1	U	ug/L	0	GE
		Carbon disulfide	<5	1	U	ug/L	0	GE
		Carbon tetrachloride	<2	1	U	ug/L	0	GE
		Chlorobenzene	<2	1	U	ug/L	0	GE
		Chloroethane	<2	1	U	ug/L	0	GE
		Chloroethene (Vinyl chloride)	<2	1	U	ug/L	1	GE
		Chloroform	<2	1	U	ug/L	0	GE
		Chloromethane (Methyl chloride)	<2	1	U	ug/L	0	GE
		Chloroprene	<2	1	U	ug/L	0	GE
		Chromium, total recoverable	10.8	1		ug/L	0	GE
		Dibromochloromethane	<2	1	U	ug/L	0	GE
		Dibromomethane (Methylene bromide)	<2	1	U	ug/L	0	GE
		Dichlorodifluoromethane	<2	1	U	ug/L	0	GE

* = exceeded holding time. +=exceeded screening level or final primary drinking water standard.

WELL: LFW45D (cont'd)

LABORATORY ANALYSES (cont'd)

H	ST	Analyte	Result	DF	Mod	Unit	Flag	Lab
	+	Dichloromethane (Methylene chloride)	<10	1	U	ug/L	2	GE
		Dieldrin	<0.05	1	U	ug/L	0	GE
		Endrin	<0.05	1	U	ug/L	0	GE
		Endrin	<0.05	1	U	ug/L	0	GE
		Ethylbenzene	<2	1	U	ug/L	0	GE
		Gross alpha	4.84	1		pCi/L	0	GP
		Heptachlor	<0.05	1	U	ug/L	0	GE
		Iodomethane (Methyl iodide)	<10	1	U	ug/L	0	GE
		Isobutyl alcohol	<20	1	U	ug/L	0	GE
		Lead, total recoverable	<5	1	U	ug/L	0	GE
		Lindane	<0.025	1	UJ	ug/L	0	GE
		Lindane	<0.025	1	UJ	ug/L	0	GE
		Mercury, total recoverable	<0.2	1	U	ug/L	0	GE
		Methacrylonitrile	<10	1	U	ug/L	0	GE
		Methoxychlor	<0.5	1	U	ug/L	0	GE
		Methoxychlor	<0.5	1	U	ug/L	0	GE
		Methyl ethyl ketone	<5	1	U	ug/L	0	GE
		Methyl isobutyl ketone	<10	1	U	ug/L	0	GE
		Methyl methacrylate	<10	1	U	ug/L	0	GE
		Nonvolatile beta	4.14	1		pCi/L	0	GP
		Propionitrile	<20	1	U	ug/L	0	GE
		Selenium, total recoverable	<5	1	U	ug/L	0	GE
		Silver, total recoverable	<2	1	U	ug/L	0	GE
		Styrene	<2	1	U	ug/L	0	GE
		Tetrachloroethylene	<2	1	U	ug/L	0	GE
		Toluene	<2	1	U	ug/L	0	GE
		Toxaphene	<1	1	U	ug/L	0	GE
		Toxaphene	<1	1	U	ug/L	0	GE
		Trichloroethylene	<2	1	U	ug/L	0	GE
		Trichlorofluoromethane	<2	1	U	ug/L	0	GE
		Tritium	<-0.606	1	UI	pCi/mL	0	GP
		Vinyl acetate	<10	1	U	ug/L	1	GE
		Xylenes	<2	1	U	ug/L	0	GE
		cis-1,3-Dichloropropene	<2	1	U	ug/L	0	GE
		p,p'-DDT	<0.1	1	U	ug/L	0	GE
		trans-1,2-Dichloroethylene	<2	1	U	ug/L	0	GE
		trans-1,3-Dichloropropene	<2	1	U	ug/L	0	GE
		trans-1,4-Dichloro-2-butene	<2	1	U	ug/L	0	GE

Number of Records: 87

* = exceeded holding time. +=exceeded screening level or final primary drinking water standard.

WELL: LFW47D

<u>SRS Coord.</u>	<u>Lat/Longitude</u>	<u>Screen Zone Elevation</u>	<u>Top of Casing</u>	<u>Casing</u>	<u>Pump</u>	<u>Formation</u>
N 83859.3	33.284933 Deg N	154.7-134.9 ft msl	161.7 ft msl	4" PVC	S	U. Steed Pond
E 45167.9	-81.71076 Deg W					

FIELD MEASUREMENTS

Sample Date: 12/09/96	Time: 10:23 AM
Water Depth: 13.2 ft	pH: 4.8
Water Elevation: 146.5 ft msl	Alkalinity: 0 mg/L
Sp. Conductance: 56 µS/cm	Water Temperature: 24 deg. C
Turbidity: 1.2 NTU	
Water Evacuated Before Sampling: 69 gal	Volumes Purged: 7.734 well volumes

LABORATORY ANALYSES

H	ST	Analyte	Result	DF	Mod	Unit	Flag	Lab
		2,4,5-TP (Silvex)	<0.0253	1	U	ug/L	0	GE
		2,4,5-TP (Silvex)	<0.0258	1	U	ug/L	0	GE
		2,4-Dichlorophenoxyacetic acid	<0.0505	1	UJ	ug/L	0	GE
		2,4-Dichlorophenoxyacetic acid	<0.0515	1	UJ	ug/L	0	GE
		Endrin	<0.05	1	U	ug/L	0	GE
		Endrin	<0.05	1	U	ug/L	0	GE
		Gross alpha	1.51	1		pCi/L	0	GP
		Gross alpha	2.51	1		pCi/L	0	GP
		Lindane	<0.025	1	UJ	ug/L	0	GE
		Lindane	<0.025	1	UJ	ug/L	0	GE
		Mercury, total recoverable	0.075	1	J	ug/L	0	GE
		Mercury, total recoverable	<0.047	1	U	ug/L	0	GE
		Methoxychlor	<0.5	1	U	ug/L	0	GE
		Methoxychlor	<0.5	1	U	ug/L	0	GE
		Nonvolatile beta	1.94	1		pCi/L	0	GP
		Nonvolatile beta	2.27	1		pCi/L	0	GP
		Toxaphene	<1	1	U	ug/L	0	GE
		Toxaphene	<1	1	U	ug/L	0	GE
		Tritium	<-1.4	1	UI	pCi/mL	0	GP
		Tritium	<-0.649	1	UI	pCi/mL	0	GP

Number of Records: 20

* = exceeded holding time. +=exceeded screening level or final primary drinking water standard.

WELL: LFW56D

<u>SRS Coord.</u>	<u>Lat/Longitude</u>	<u>Screen Zone Elevation</u>	<u>Top of Casing</u>	<u>Casing</u>	<u>Pump</u>	<u>Formation</u>
N 83398	33.28414 Deg N	151.4-131.3 ft msl	158.1 ft msl	4" PVC	S	U. Steed Pond
E 45306.6	-81.709498 Deg W					

FIELD MEASUREMENTS

Sample Date: 12/05/96	Time: 8:21 AM
Water Depth: 13.33 ft	pH: 4.4
Water Elevation: 142.57 ft msl	Alkalinity: 1 mg/L
Sp. Conductance: 22 µS/cm	Water Temperature: 21 deg. C
Turbidity: 1.8 NTU	
Water Evacuated Before Sampling: 62 gal	Volumes Purged: 7.016 well volumes

LABORATORY ANALYSES

H	ST	Analyte	Result	DF	Mod	Unit	Flag	Lab
		1,1,1,2-Tetrachloroethane	<2	1	U	ug/L	0	GE
		1,1,1-Trichloroethane	<2	1	U	ug/L	0	GE
		1,1,2,2-Tetrachloroethane	<2	1	U	ug/L	0	GE
		1,1,2-Trichloroethane	<2	1	U	ug/L	0	GE
		1,1-Dichloroethane	<2	1	U	ug/L	0	GE
		1,1-Dichloroethylene	<2	1	U	ug/L	0	GE
		1,2,3-Trichloropropane	<2	1	U	ug/L	0	GE
+		1,2-Dibromoethane	<2	1	U	ug/L	2	GE
		1,2-Dichlorobenzene	<2	1	U	ug/L	0	GE
		1,2-Dichloroethane	<2	1	U	ug/L	0	GE
		1,2-Dichloropropane	<2	1	U	ug/L	0	GE
		1,3-Dichlorobenzene	<2	1	U	ug/L	0	GE
		1,4-Dichlorobenzene	<2	1	U	ug/L	0	GE
		2,4,5-TP (Silvex)	<0.025	1	U	ug/L	0	GE
		2,4-Dichlorophenoxyacetic acid	<0.05	1	UJ	ug/L	0	GE
		2-Chloroethyl vinyl ether	<10	1	U	ug/L	1	GE
		2-Hexanone	<10	1	U	ug/L	0	GE
		Acetone	<10	1	U	ug/L	0	GE
		Acetonitrile (Methyl cyanide)	<10	1	U	ug/L	0	GE
		Acrolein	<20	1	U	ug/L	0	GE
		Acrylonitrile	<50	1	U	ug/L	0	GE
		Allyl chloride	<10	1	U	ug/L	0	GE
		Arsenic, total recoverable	<5	1	U	ug/L	0	GE
		Barium, total recoverable	7.08	1		ug/L	0	GE
		Benzene	<2	1	U	ug/L	0	GE
		Bromodichloromethane	<2	1	U	ug/L	0	GE
		Bromoform	<2	1	U	ug/L	0	GE
		Bromomethane (Methyl bromide)	<2	1	U	ug/L	0	GE
		Cadmium, total recoverable	<2	1	U	ug/L	0	GE
		Carbon disulfide	<5	1	U	ug/L	0	GE
		Carbon tetrachloride	<2	1	U	ug/L	0	GE
		Chlorobenzene	<2	1	U	ug/L	0	GE
		Chloroethane	<2	1	U	ug/L	0	GE
		Chloroethene (Vinyl chloride)	<2	1	U	ug/L	1	GE
		Chloroform	<2	1	U	ug/L	0	GE
		Chloromethane (Methyl chloride)	<2	1	U	ug/L	0	GE
		Chloroprene	<2	1	U	ug/L	0	GE
		Chromium, total recoverable	0.953	1	J	ug/L	0	GE
		Dibromochloromethane	<2	1	U	ug/L	0	GE
		Dibromomethane (Methylene bromide)	<2	1	U	ug/L	0	GE
		Dichlorodifluoromethane	<2	1	U	ug/L	0	GE
+		Dichloromethane (Methylene chloride)	<10	1	U	ug/L	2	GE
		Endrin	<0.05	1	U	ug/L	0	GE
		Ethylbenzene	<2	1	U	ug/L	0	GE

* = exceeded holding time. +=exceeded screening level or final primary drinking water standard.

WELL: LFW56D (cont'd)

LABORATORY ANALYSES (cont'd)

H	ST	Analyte	Result	DF	Mod	Unit	Flag	Lab
		Gross alpha	<0.559	1	UI	pCi/L	0	GP
		Iodomethane (Methyl iodide)	<10	1	U	ug/L	0	GE
		Isobutyl alcohol	<20	1	U	ug/L	0	GE
		Lead, total recoverable	4.94	1	J	ug/L	0	GE
		Lindane	<0.025	1	U	ug/L	0	GE
		Mercury, total recoverable	<0.2	1	U	ug/L	0	GE
		Methacrylonitrile	<10	1	U	ug/L	0	GE
		Methoxychlor	<0.5	1	U	ug/L	0	GE
		Methyl ethyl ketone	<5	1	U	ug/L	0	GE
		Methyl isobutyl ketone	<10	1	U	ug/L	0	GE
		Methyl methacrylate	<10	1	U	ug/L	0	GE
		Nonvolatile beta	1.96	1		pCi/L	0	GP
		Propionitrile	<20	1	U	ug/L	0	GE
		Radium-228	<0.36	1	UI	pCi/L	0	GP
		Selenium, total recoverable	<5	1	U	ug/L	0	GE
		Silver, total recoverable	<2	1	U	ug/L	0	GE
		Styrene	<2	1	U	ug/L	0	GE
		Tetrachloroethylene	<2	1	U	ug/L	0	GE
		Toluene	<2	1	U	ug/L	0	GE
		Toxaphene	<1	1	U	ug/L	0	GE
		Trichloroethylene	<2	1	U	ug/L	0	GE
		Trichlorofluoromethane	<2	1	U	ug/L	0	GE
		Tritium	<-5.47	1	UI	pCi/mL	0	GP
		Vinyl acetate	<10	1	U	ug/L	1	GE
		Xylenes	<2	1	U	ug/L	0	GE
		cis-1,3-Dichloropropene	<2	1	U	ug/L	0	GE
		trans-1,2-Dichloroethylene	<2	1	U	ug/L	0	GE
		trans-1,3-Dichloropropene	<2	1	U	ug/L	0	GE
		trans-1,4-Dichloro-2-butene	<2	1	U	ug/L	0	GE

Number of Records: 77

* = exceeded holding time. +=exceeded screening level or final primary drinking water standard.

WELL: LFW58D

<u>SRS Coord.</u>	<u>Lat/Longitude</u>	<u>Screen Zone Elevation</u>	<u>Top of Casing</u>	<u>Casing</u>	<u>Pump</u>	<u>Formation</u>
N 83190.2	33.283861 Deg N	150.4-130.6 ft msl	164.8 ft msl	4" PVC	S	U. Steed Pond
E 45417.4	-81.708802 Deg W					

FIELD MEASUREMENTS

Sample Date: 12/02/96	Time: 9:51 AM
Water Depth: 26.35 ft	pH: 5.6
Water Elevation: 139.25 ft msl	Alkalinity: 43 mg/L
Sp. Conductance: 300 µS/cm	Water Temperature: 25 deg. C
Turbidity: 0.7 NTU	
Water Evacuated Before Sampling: 57 gal	Volumes Purged: 6.319 well volumes

LABORATORY ANALYSES

H	ST	Analyte	Result	DF	Mod	Unit	Flag	Lab
		1,1,1-Trichloroethane	3.7	1		ug/L	0	GE
		1,1,2,2-Tetrachloroethane	<2	1	U	ug/L	0	GE
		1,1,2-Trichloroethane	<2	1	U	ug/L	0	GE
		1,1-Dichloroethane	122	5		ug/L	2	GE
		1,1-Dichloroethylene	4.2	1		ug/L	1	GE
		1,2,3-Trichloropropane	<2	1	U	ug/L	0	GE
+		1,2-Dibromoethane	<2	1	U	ug/L	2	GE
		1,2-Dichlorobenzene	2.6	1		ug/L	0	GE
		1,2-Dichloroethane	4.8	1		ug/L	1	GE
		1,2-Dichloropropane	1.9	1	J	ug/L	0	GE
		1,3-Dichlorobenzene	<2	1	U	ug/L	0	GE
+		1,4-Dichlorobenzene	94	1		ug/L	2	GE
		2,4,5-TP (Silvex)	<	5	UJ	ug/L	0	GE
		2,4-Dichlorophenoxyacetic acid	<	5	UJ	ug/L	0	GE
		2-Chloroethyl vinyl ether	<10	1	U	ug/L	1	GE
		2-Hexanone	<10	1	U	ug/L	0	GE
		Acetone	11.9	1		ug/L	0	GE
		Acetonitrile (Methyl cyanide)	<10	1	U	ug/L	0	GE
		Acrolein	<20	1	U	ug/L	0	GE
		Acrylonitrile	<50	1	U	ug/L	0	GE
		Aldrin	<0.025	1	U	ug/L	0	GE
		Allyl chloride	<10	1	U	ug/L	0	GE
		Arsenic, total recoverable	<5	1	U	ug/L	0	GE
		Barium, total recoverable	6.57	1		ug/L	0	GE
+		Benzene	9.6	1		ug/L	2	GE
		Bromodichloromethane	<2	1	U	ug/L	0	GE
		Bromoform	<2	1	U	ug/L	0	GE
		Bromomethane (Methyl bromide)	<2	1	U	ug/L	0	GE
		Carbon disulfide	<5	1	U	ug/L	0	GE
		Carbon tetrachloride	<2	1	U	ug/L	0	GE
		Chlorobenzene	20.1	1		ug/L	0	GE
		Chloroethane	4.7	1		ug/L	0	GE
+		Chloroethene (Vinyl chloride)	36.7	1		ug/L	2	GE
		Chloroform	<2	13	U	ug/L	0	GE
		Chloromethane (Methyl chloride)	<2	1	U	ug/L	0	GE
		Chloroprene	<2	1	U	ug/L	0	GE
		Chromium, total recoverable	<4	1	U	ug/L	0	GE
		Dibromochloromethane	<2	1	U	ug/L	0	GE
		Dibromomethane (Methylene bromide)	<2	1	U	ug/L	0	GE
		Dichlorodifluoromethane	20.4	1		ug/L	2	GE
		Dieldrin	<0.05	1	U	ug/L	0	GE
		Endrin	<0.05	1	U	ug/L	0	GE
		Endrin	<0.05	1	U	ug/L	0	GE
		Ethylbenzene	1.2	1	J	ug/L	0	GE

* = exceeded holding time. +=exceeded screening level or final primary drinking water standard.

WELL: LFW58D (cont'd)

LABORATORY ANALYSES (cont'd)

H	ST	Analyte	Result	DF	Mod	Unit	Flag	Lab
		Gross alpha	7.47	1		pCi/L	0	GP
		Heptachlor	<0.05	1	U	ug/L	0	GE
		Iodomethane (Methyl iodide)	<10	1	U	ug/L	0	GE
		Isobutyl alcohol	<20	1	U	ug/L	0	GE
		Lead, total recoverable	<5	1	UJ	ug/L	0	GE
		Lindane	<0.025	1	UJ	ug/L	0	GE
		Lindane	<0.025	1	UJ	ug/L	0	GE
		Mercury, total recoverable	<0.2	1	U	ug/L	0	GE
		Methacrylonitrile	<10	1	U	ug/L	0	GE
		Methoxychlor	<0.5	1	U	ug/L	0	GE
		Methoxychlor	<0.5	1	U	ug/L	0	GE
		Methyl ethyl ketone	11.5	1		ug/L	0	GE
		Methyl isobutyl ketone	<10	1	U	ug/L	0	GE
		Methyl methacrylate	<10	1	U	ug/L	0	GE
		Nitrate-nitrite as nitrogen	350	1		ug/L	0	GE
		Nonvolatile beta	<4.61	1	UI	pCi/L	0	GP
		Propionitrile	<20	1	U	ug/L	0	GE
		Radium-226	2.16	1	J	pCi/L	0	GP
		Radium-228	2.17	1		pCi/L	0	GP
		Selenium, total recoverable	2.07	1	J	ug/L	0	GE
		Silver, total recoverable	<2	1	U	ug/L	0	GE
		Styrene	<2	1	U	ug/L	0	GE
		Tetrachloroethylene	4.5	1		ug/L	1	GE
		Toluene	<2	1	U	ug/L	0	GE
		Total organic carbon	7110	1		ug/L	1	GE
		Total organic carbon	7100	1		ug/L	1	GE
		Toxaphene	<1	1	U	ug/L	0	GE
		Toxaphene	<1	1	U	ug/L	0	GE
+		Trichloroethylene	18.6	1		ug/L	2	GE
		Trichlorofluoromethane	53.1	1		ug/L	2	GE
		Tritium	<-13.2	1	UI	pCi/mL	0	GP
		Vinyl acetate	<10	1	U	ug/L	1	GE
		Xylenes	20.9	1		ug/L	0	GE
		cis-1,3-Dichloropropene	<2	1	U	ug/L	0	GE
		p,p'-DDT	<0.1	1	UJ	ug/L	0	GE
		trans-1,2-Dichloroethylene	<2	1	U	ug/L	0	GE
		trans-1,3-Dichloropropene	<2	1	U	ug/L	0	GE
		trans-1,4-Dichloro-2-butene	<2	1	U	ug/L	0	GE

Number of Records: 86

* = exceeded holding time. +=exceeded screening level or final primary drinking water standard.

WELL: LFW59D

<u>SRS Coord.</u>	<u>Lat/Longitude</u>	<u>Screen Zone Elevation</u>	<u>Top of Casing</u>	<u>Casing</u>	<u>Pump</u>	<u>Formation</u>
N 83190.2	33.283861 Deg N	150.4-130.6 ft msl	164.8 ft msl	4" PVC	S	U. Steed Pond
E 45417.4	-81.708802 Deg W					

FIELD MEASUREMENTS

Sample Date: 12/02/96	Time: 11:47 AM
Water Depth: 25.7 ft	pH: 4.4
Water Elevation: 139.6 ft msl	Alkalinity: 0 mg/L
Sp. Conductance: 36 µS/cm	Water Temperature: 24 deg. C
Turbidity: 0.5 NTU	
Water Evacuated Before Sampling: 118 gal	Volumes Purged: 14.276 well volumes

LABORATORY ANALYSES

H	ST	Analyte	Result	DF	Mod	Unit	Flag	Lab
		1,1,1,2-Tetrachloroethane	<2	1	U	ug/L	0	GE
		1,1,1-Trichloroethane	22.5	1		ug/L	0	GE
		1,1,2-Trichloroethane	<2	1	U	ug/L	0	GE
		1,1-Dichloroethane	88	1		ug/L	2	GE
		1,1-Dichloroethylene	5.2	1		ug/L	1	GE
		1,2,3-Trichloropropane	<2	1	U	ug/L	0	GE
+		1,2-Dibromoethane	<2	1	U	ug/L	2	GE
		1,2-Dichlorobenzene	<2	1	U	ug/L	0	GE
		1,2-Dichloroethane	<2	1	U	ug/L	0	GE
		1,2-Dichloropropane	2	1	J	ug/L	0	GE
		1,4-Dichlorobenzene	<2	1	U	ug/L	0	GE
		2,4-Dichlorophenoxyacetic acid	<0.0495	1	UJ	ug/L	0	GE
		2-Chloroethyl vinyl ether	<10	1	U	ug/L	1	GE
		Acetone	<10	1	U	ug/L	0	GE
		Acetonitrile (Methyl cyanide)	<10	1	U	ug/L	0	GE
		Acrolein	<20	1	U	ug/L	0	GE
		Acrylonitrile	<50	1	U	ug/L	0	GE
		Allyl chloride	<10	1	U	ug/L	0	GE
		Arsenic, total recoverable	<5	1	U	ug/L	0	GE
		Barium, total recoverable	5.82	1		ug/L	0	GE
		Benzene	<2	1	U	ug/L	0	GE
		Bromodichloromethane	<2	1	U	ug/L	0	GE
		Bromomethane (Methyl bromide)	<2	1	U	ug/L	0	GE
		Cadmium, total recoverable	<0.122	1	U	ug/L	0	GE
		Carbon disulfide	<5	1	U	ug/L	0	GE
		Carbon tetrachloride	2.5	1		ug/L	0	GE
		Chlorobenzene	<2	1	U	ug/L	0	GE
		Chloroethane	<2	1	U	ug/L	0	GE
		Chloroethene (Vinyl chloride)	<2	1	U	ug/L	1	GE
		Chloroform	<2	1	U	ug/L	0	GE
		Chloromethane (Methyl chloride)	<2	1	U	ug/L	0	GE
		Chloroprene	<2	1	U	ug/L	0	GE
		Chromium, total recoverable	<4	1	U	ug/L	0	GE
		Dibromochloromethane	<2	1	U	ug/L	0	GE
		Dibromomethane (Methylene bromide)	<2	1	U	ug/L	0	GE
		Dichlorodifluoromethane	<2	1	U	ug/L	0	GE
+		Dichloromethane (Methylene chloride)	24.3	1		ug/L	2	GE
		Endrin	<0.05	1	U	ug/L	0	GE
		Ethylbenzene	<2	1	U	ug/L	0	GE
		Gross alpha	1.85	1		pCi/L	0	GP
		Iodomethane (Methyl iodide)	<10	1	U	ug/L	0	GE
		Isobutyl alcohol	<20	1	U	ug/L	0	GE
		Lead, total recoverable	1.69	1	J	ug/L	0	GE
		Lindane	<0.025	1	UJ	ug/L	0	GE

* = exceeded holding time. +=exceeded screening level or final primary drinking water standard.

WELL: LFW59D (cont'd)

LABORATORY ANALYSES (cont'd)

H	ST	Analyte	Result	DF	Mod	Unit	Flag	Lab
		Mercury, total recoverable	0.147	1	J	ug/L	0	GE
		Mercury, total recoverable	0.157	1	J	ug/L	0	GE
		Methacrylonitrile	<10	1	U	ug/L	0	GE
		Methoxychlor	<0.5	1	U	ug/L	0	GE
		Methyl ethyl ketone	<5	1	U	ug/L	0	GE
		Methyl isobutyl ketone	<10	1	U	ug/L	0	GE
		Methyl methacrylate	<10	1	U	ug/L	0	GE
		Nitrate-nitrite as nitrogen	500	1		ug/L	0	GE
		Nonvolatile beta	<1.7	1	UI	pCi/L	0	GP
		Propionitrile	<20	1	U	ug/L	0	GE
		Radium-226	1.46	1	J	pCi/L	0	GP
		Radium-228	1.29	1		pCi/L	0	GP
		Selenium, total recoverable	<5	1	U	ug/L	0	GE
		Silver, total recoverable	<2	1	U	ug/L	0	GE
		Styrene	<2	1	U	ug/L	0	GE
+		Tetrachloroethylene	34.2	1		ug/L	2	GE
		Toluene	<2	1	U	ug/L	0	GE
		Toxaphene	<1	1	U	ug/L	0	GE
+		Trichloroethylene	72.2	1		ug/L	2	GE
		Trichlorofluoromethane	68.7	1		ug/L	2	GE
		Tritium	<-3.2	1	UI	pCi/mL	0	GP
		Vinyl acetate	<10	1	U	ug/L	1	GE
		Xylenes	<2	1	U	ug/L	0	GE
		cis-1,3-Dichloropropene	<2	1	U	ug/L	0	GE
		trans-1,2-Dichloroethylene	<2	1	U	ug/L	0	GE
		trans-1,3-Dichloropropene	<2	1	U	ug/L	0	GE
		trans-1,4-Dichloro-2-butene	<2	1	U	ug/L	0	GE

Number of Records: 75

* = exceeded holding time. +=exceeded screening level or final primary drinking water standard.

WELL: LFW60C

<u>SRS Coord.</u>	<u>Lat/Longitude</u>	<u>Screen Zone Elevation</u>	<u>Top of Casing</u>	<u>Casing</u>	<u>Pump</u>	<u>Formation</u>
N 82529.6	33.282881 Deg N	108.3- 98.3 ft msl	157.2 ft msl	2" PVC	V	M. Steed Pond
E 45711.9	-81.706743 Deg W					

FIELD MEASUREMENTS

Sample Date: 12/03/96	Time: 12:04 PM
Water Depth: 12.68 ft	pH: 5.2
Water Elevation: 142.42 ft msl	Alkalinity: 7 mg/L
Sp. Conductance: 94 µS/cm	Water Temperature: 23 deg. C
Turbidity: 0.9 NTU	
Water Evacuated Before Sampling: 27 gal	Volumes Purged: 3.562 well volumes

LABORATORY ANALYSES

<u>H</u>	<u>ST</u>	<u>Analyte</u>	<u>Result</u>	<u>DF</u>	<u>Mod</u>	<u>Unit</u>	<u>Flag</u>	<u>Lab</u>
		1,1,1,2-Tetrachloroethane	<2	1	U	ug/L	0	GE
		1,1,1-Trichloroethane	1	1	J	ug/L	0	GE
		1,1,2,2-Tetrachloroethane	<2	1	U	ug/L	0	GE
		1,1,2-Trichloroethane	<2	1	U	ug/L	0	GE
+		1,1-Dichloroethane	21.2	1		ug/L	2	GE
		1,1-Dichloroethylene	<2	1	U	ug/L	0	GE
		1,2,3-Trichloropropane	<2	1	U	ug/L	0	GE
+		1,2-Dibromoethane	<2	1	U	ug/L	2	GE
		1,2-Dichlorobenzene	<2	1	U	ug/L	0	GE
		1,2-Dichloroethane	<2	1	U	ug/L	0	GE
		1,2-Dichloropropane	<2	1	U	ug/L	0	GE
		1,3-Dichlorobenzene	<2	1	U	ug/L	0	GE
		1,4-Dichlorobenzene	16.3	1		ug/L	0	GE
		2,4,5-TP (Silvex)	0.0634	1	J	ug/L	0	GE
		2,4-Dichlorophenoxyacetic acid	0.0436	1	J	ug/L	0	GE
		2-Chloroethyl vinyl ether	<10	1	U	ug/L	1	GE
		2-Hexanone	<10	1	U	ug/L	0	GE
		Acetone	<10	1	U	ug/L	0	GE
		Acetonitrile (Methyl cyanide)	<10	1	U	ug/L	0	GE
		Acrolein	<20	1	U	ug/L	0	GE
		Acrylonitrile	<50	1	U	ug/L	0	GE
		Allyl chloride	<10	1	U	ug/L	0	GE
		Arsenic, total recoverable	<5	1	U	ug/L	0	GE
		Barium, total recoverable	12.5	1		ug/L	0	GE
		Benzene	1.1	1	J	ug/L	0	GE
		Bromodichloromethane	<2	1	U	ug/L	0	GE
		Bromoform	<2	1	U	ug/L	0	GE
		Bromomethane (Methyl bromide)	<2	1	U	ug/L	0	GE
		Cadmium, total recoverable	<0.256	1	U	ug/L	0	GE
		Carbon disulfide	<5	1	U	ug/L	0	GE
		Carbon tetrachloride	<2	1	U	ug/L	0	GE
		Chlorobenzene	2	1	J	ug/L	0	GE
		Chloroethane	<2	1	U	ug/L	0	GE
		Chloroethene (Vinyl chloride)	<2	1	U	ug/L	1	GE
		Chloroform	<2	1	U	ug/L	0	GE
		Chloromethane (Methyl chloride)	<2	1	U	ug/L	0	GE
		Chloroprene	<2	1	U	ug/L	0	GE
		Chromium, total recoverable	<4	1	U	ug/L	0	GE
		Dibromochloromethane	<2	1	U	ug/L	0	GE
		Dibromomethane (Methylene bromide)	<2	1	U	ug/L	0	GE
		Dichlorodifluoromethane	<2	1	U	ug/L	0	GE
+		Dichloromethane (Methylene chloride)	<11.2	1	U	ug/L	2	GE
		Endrin	<0.05	1	UJ	ug/L	0	GE
		Ethylbenzene	<2	1	U	ug/L	0	GE

* = exceeded holding time. +=exceeded screening level or final primary drinking water standard.

WELL: LFW60C (cont'd)

LABORATORY ANALYSES (cont'd)

H	ST	Analyte	Result	DF	Mod	Unit	Flag	Lab
		Gross alpha	1.76	1		pCi/L	0	GP
		Iodomethane (Methyl iodide)	<10	1	U	ug/L	0	GE
		Isobutyl alcohol	<20	1	U	ug/L	0	GE
		Lead, total recoverable	1.67	1	J	ug/L	0	GE
		Lindane	<0.025	1	U	ug/L	0	GE
		Mercury, total recoverable	<0.2	1	U	ug/L	0	GE
		Mercury, total recoverable	<0.2	1	U	ug/L	0	GE
		Methacrylonitrile	<10	1	U	ug/L	0	GE
		Methoxychlor	<0.5	1	U	ug/L	0	GE
		Methyl ethyl ketone	<5	1	U	ug/L	0	GE
		Methyl isobutyl ketone	<10	1	U	ug/L	0	GE
		Methyl methacrylate	<10	1	U	ug/L	0	GE
		Nitrate-nitrite as nitrogen	880	1		ug/L	0	GE
		Nonvolatile beta	<0.878	1	UI	pCi/L	0	GP
		Propionitrile	<20	1	U	ug/L	0	GE
		Radium-226	1.66	1	J	pCi/L	0	GP
		Radium-228	0.915	1		pCi/L	0	GP
		Selenium, total recoverable	<5	1	U	ug/L	0	GE
		Silver, total recoverable	<2	1	U	ug/L	0	GE
		Styrene	<2	1	U	ug/L	0	GE
		Tetrachloroethylene	<2	1	U	ug/L	0	GE
		Toluene	<2	1	U	ug/L	0	GE
		Toxaphene	<1	1	U	ug/L	0	GE
		Trichloroethylene	3.8	1		ug/L	1	GE
		Trichlorofluoromethane	19.1	1		ug/L	2	GE
		Tritium	<4.19	1	UI	pCi/mL	0	GP
		Vinyl acetate	<10	1	U	ug/L	1	GE
		Xylenes	4.6	1		ug/L	0	GE
		cis-1,3-Dichloropropene	<2	1	U	ug/L	0	GE
		trans-1,2-Dichloroethylene	<2	1	U	ug/L	0	GE
		trans-1,3-Dichloropropene	<2	1	U	ug/L	0	GE
		trans-1,4-Dichloro-2-butene	<2	1	U	ug/L	0	GE

Number of Records: 80

* = exceeded holding time. +=exceeded screening level or final primary drinking water standard.

WELL: LFW60D

<u>SRS Coord.</u>	<u>Lat/Longitude</u>	<u>Screen Zone Elevation</u>	<u>Top of Casing</u>	<u>Casing</u>	<u>Pump</u>	<u>Formation</u>
N 82531.5	33.282903 Deg N	143.8-123.8 ft msl	157.1 ft msl	4" PVC	S	U. Steed Pond
E 45722.3	-81.70672 Deg W					

FIELD MEASUREMENTS

Sample Date: 12/05/96	Time: 10:33 AM
Water Depth: 19.29 ft	pH: 4.8
Water Elevation: 135.91 ft msl	Alkalinity: 1 mg/L
Sp. Conductance: 24 µS/cm	Water Temperature: 20 deg. C
Turbidity: 1.8 NTU	
Water Evacuated Before Sampling: 45 gal	Volumes Purged: 4.896 well volumes

LABORATORY ANALYSES

<u>H</u>	<u>ST</u>	<u>Analyte</u>	<u>Result</u>	<u>DF</u>	<u>Mod</u>	<u>Unit</u>	<u>Flag</u>	<u>Lab</u>
		1,1,1,2-Tetrachloroethane	<2	1	U	ug/L	0	GE
		1,1,1-Trichloroethane	2.9	1		ug/L	0	GE
		1,1,2,2-Tetrachloroethane	<2	1	U	ug/L	0	GE
		1,1,2-Trichloroethane	<2	1	U	ug/L	0	GE
+		1,1-Dichloroethane	21.5	1		ug/L	2	GE
		1,1-Dichloroethylene	1	1	J	ug/L	0	GE
		1,2,3-Trichloropropane	<2	1	U	ug/L	0	GE
+		1,2-Dibromoethane	<2	1	U	ug/L	2	GE
		1,2-Dichlorobenzene	<2	1	U	ug/L	0	GE
		1,2-Dichloroethane	<2	1	U	ug/L	0	GE
		1,2-Dichloropropane	<2	1	U	ug/L	0	GE
		1,3-Dichlorobenzene	<2	1	U	ug/L	0	GE
		1,4-Dichlorobenzene	3.2	1		ug/L	0	GE
		2,4,5-TP (Silvex)	<0.025	1	UJ	ug/L	0	GE
		2,4-Dichlorophenoxyacetic acid	<0.05	1	UJ	ug/L	0	GE
		2-Chloroethyl vinyl ether	<10	1	U	ug/L	1	GE
		2-Hexanone	<10	1	U	ug/L	0	GE
		Acetone	<10	1	U	ug/L	0	GE
		Acetonitrile (Methyl cyanide)	<10	1	U	ug/L	0	GE
		Acrolein	<20	1	U	ug/L	0	GE
		Acrylonitrile	<50	1	U	ug/L	0	GE
		Allyl chloride	<10	1	U	ug/L	0	GE
		Arsenic, total recoverable	<5	1	U	ug/L	0	GE
		Barium, total recoverable	8.57	1		ug/L	0	GE
		Benzene	<2	1	U	ug/L	0	GE
		Bromodichloromethane	<2	1	U	ug/L	0	GE
		Bromoform	<2	1	U	ug/L	0	GE
		Bromomethane (Methyl bromide)	<2	1	U	ug/L	0	GE
		Cadmium, total recoverable	<2	1	U	ug/L	0	GE
		Carbon disulfide	<5	1	U	ug/L	0	GE
		Carbon tetrachloride	<2	1	U	ug/L	0	GE
		Chlorobenzene	<2	1	U	ug/L	0	GE
		Chloroethane	<2	1	U	ug/L	0	GE
		Chloroethene (Vinyl chloride)	<2	1	U	ug/L	1	GE
		Chloroform	<2	1	U	ug/L	0	GE
		Chloromethane (Methyl chloride)	<2	1	U	ug/L	0	GE
		Chloroprene	<2	1	U	ug/L	0	GE
		Chromium, total recoverable	1.1	1	J	ug/L	0	GE
		Dibromochloromethane	<2	1	U	ug/L	0	GE
		Dibromomethane (Methylene bromide)	<2	1	U	ug/L	0	GE
		Dichlorodifluoromethane	<2	1	U	ug/L	0	GE
+		Dichloromethane (Methylene chloride)	<6.4	1	U	ug/L	2	GE
		Endrin	<0.0495	1	U	ug/L	0	GE
		Ethylbenzene	<2	1	U	ug/L	0	GE

* = exceeded holding time. +=exceeded screening level or final primary drinking water standard.

WELL: LFW60D (cont'd)

LABORATORY ANALYSES (cont'd)

H	ST	Analyte	Result	DF	Mod	Unit	Flag	Lab
		Gross alpha	1.17	1		pCi/L	0	GP
		Iodomethane (Methyl iodide)	<10	1	U	ug/L	0	GE
		Isobutyl alcohol	<20	1	U	ug/L	0	GE
		Lead, total recoverable	3.92	1	J	ug/L	0	GE
		Lindane	<0.0248	1	U	ug/L	0	GE
		Mercury, total recoverable	1.46	1		ug/L	1	GE
		Methacrylonitrile	<10	1	U	ug/L	0	GE
		Methoxychlor	<0.495	1	U	ug/L	0	GE
		Methyl ethyl ketone	<5	1	U	ug/L	0	GE
		Methyl isobutyl ketone	<10	1	U	ug/L	0	GE
		Methyl methacrylate	<10	1	U	ug/L	0	GE
		Nonvolatile beta	<0.824	1	UI	pCi/L	0	GP
		Propionitrile	<20	1	U	ug/L	0	GE
		Radium-228	<0.454	1	UI	pCi/L	0	GP
		Selenium, total recoverable	<5	1	U	ug/L	0	GE
		Silver, total recoverable	<2	1	U	ug/L	0	GE
		Styrene	<2	1	U	ug/L	0	GE
		Tetrachloroethylene	1.2	1	J	ug/L	0	GE
		Toluene	<2	1	U	ug/L	0	GE
		Toxaphene	<0.99	1	U	ug/L	0	GE
+		Trichloroethylene	6	1		ug/L	2	GE
		Trichlorofluoromethane	25.7	1		ug/L	2	GE
		Tritium	<-1.57	1	UI	pCi/mL	0	GP
		Vinyl acetate	<10	1	U	ug/L	1	GE
		Xylenes	1.2	1	J	ug/L	0	GE
		cis-1,3-Dichloropropene	<2	1	U	ug/L	0	GE
		trans-1,2-Dichloroethylene	<2	1	U	ug/L	0	GE
		trans-1,3-Dichloropropene	<2	1	U	ug/L	0	GE
		trans-1,4-Dichloro-2-butene	<2	1	U	ug/L	0	GE

Number of Records: 77

* = exceeded holding time. +=exceeded screening level or final primary drinking water standard.

WELL: LFW63B

<u>SRS Coord.</u>	<u>Lat/Longitude</u>	<u>Screen Zone Elevation</u>	<u>Top of Casing</u>	<u>Casing</u>	<u>Pump</u>	<u>Formation</u>
N 82740.8	33.283085 Deg N	76.1- 66.1 ft msl	167.8 ft msl	2" PVC	V	L. Steed Pond
E 45550.7	-81.707578 Deg W					

FIELD MEASUREMENTS

Sample Date: 12/06/96	Time: 11:19 AM
Water Depth: 28.2 ft	pH: 3.8
Water Elevation: 137.7 ft msl	Alkalinity: 0 mg/L
Sp. Conductance: 60 µS/cm	Water Temperature: 25 deg. C
Turbidity: 0.6 NTU	
Water Evacuated Before Sampling: 60 gal	Volumes Purged: 4.978 well volumes

LABORATORY ANALYSES

<u>H</u>	<u>ST</u>	<u>Analyte</u>	<u>Result</u>	<u>DF</u>	<u>Mod</u>	<u>Unit</u>	<u>Flag</u>	<u>Lab</u>
		1,1,1,2-Tetrachloroethane	<2	1	U	ug/L	0	GE
		1,1,1-Trichloroethane	<2	1	U	ug/L	0	GE
		1,1,2,2-Tetrachloroethane	<2	1	U	ug/L	0	GE
		1,1,2-Trichloroethane	<2	1	U	ug/L	0	GE
		1,1-Dichloroethane	<2	1	U	ug/L	0	GE
		1,1-Dichloroethylene	<2	1	U	ug/L	0	GE
		1,2,3-Trichloropropane	<2	1	U	ug/L	0	GE
+		1,2-Dibromoethane	<2	1	U	ug/L	2	GE
		1,2-Dichlorobenzene	<2	1	U	ug/L	0	GE
		1,2-Dichloroethane	<2	1	U	ug/L	0	GE
		1,2-Dichloropropane	<2	1	U	ug/L	0	GE
		1,3-Dichlorobenzene	<2	1	U	ug/L	0	GE
		1,4-Dichlorobenzene	<2	1	U	ug/L	0	GE
		2,4,5-TP (Silvex)	<0.025	1	UJ	ug/L	0	GE
		2,4-Dichlorophenoxyacetic acid	<0.05	1	UJ	ug/L	0	GE
		2-Chloroethyl vinyl ether	<10	1	U	ug/L	1	GE
		2-Hexanone	<10	1	U	ug/L	0	GE
		Acetone	<10	1	U	ug/L	0	GE
		Acetonitrile (Methyl cyanide)	<10	1	U	ug/L	0	GE
		Acrolein	<20	1	U	ug/L	0	GE
		Acrylonitrile	<50	1	U	ug/L	0	GE
		Allyl chloride	<10	1	U	ug/L	0	GE
		Arsenic, total recoverable	<5	1	U	ug/L	0	GE
		Barium, total recoverable	7.49	1		ug/L	0	GE
		Benzene	<2	1	U	ug/L	0	GE
		Bromodichloromethane	<2	1	U	ug/L	0	GE
		Bromoform	<2	1	U	ug/L	0	GE
		Bromomethane (Methyl bromide)	<2	1	U	ug/L	0	GE
		Cadmium, total recoverable	0.865	1	J	ug/L	0	GE
		Carbon disulfide	<5	1	U	ug/L	0	GE
		Carbon tetrachloride	<2	1	U	ug/L	0	GE
		Chlorobenzene	<2	1	U	ug/L	0	GE
		Chloroethane	<2	1	U	ug/L	0	GE
		Chloroethene (Vinyl chloride)	<2	1	U	ug/L	1	GE
		Chloroform	<2	1	U	ug/L	0	GE
		Chloromethane (Methyl chloride)	<2	1	U	ug/L	0	GE
		Chloroprene	<2	1	U	ug/L	0	GE
		Chromium, total recoverable	13.5	1		ug/L	0	GE
		Dibromochloromethane	<2	1	U	ug/L	0	GE
+		Dibromomethane (Methylene bromide)	<2	1	U	ug/L	0	GE
		Dichlorodifluoromethane	<2	1	U	ug/L	0	GE
+		Dichloromethane (Methylene chloride)	<10	1	U	ug/L	2	GE
		Endrin	<0.05	1	U	ug/L	0	GE
		Ethylbenzene	<2	1	U	ug/L	0	GE

* = exceeded holding time. +=exceeded screening level or final primary drinking water standard.

WELL: LFW63B (cont'd)

LABORATORY ANALYSES (cont'd)

H	ST	Analyte	Result	DF	Mod	Unit	Flag	Lab
		Gross alpha	10.2	1		pCi/L	1	GP
		Iodomethane (Methyl iodide)	<10	1	U	ug/L	0	GE
		Isobutyl alcohol	<20	1	U	ug/L	0	GE
		"Lead, total recoverable"	<5	1	U	ug/L	0	GE
		Lindane	<0.025	1	UJ	ug/L	0	GE
		"Mercury, total recoverable"	<0.2	1	U	ug/L	0	GE
		Methacrylonitrile	<10	1	U	ug/L	0	GE
		Methoxychlor	<0.5	1	U	ug/L	0	GE
		Methyl ethyl ketone	<5	1	U	ug/L	0	GE
		Methyl isobutyl ketone	<10	1	U	ug/L	0	GE
		Methyl methacrylate	<10	1	U	ug/L	0	GE
		Nonvolatile beta	5.52	1		pCi/L	0	GP
		Propionitrile	<20	1	U	ug/L	0	GE
		Selenium, total recoverable	<5	1	U	ug/L	0	GE
		Silver, total recoverable	<2	1	U	ug/L	0	GE
		Styrene	<2	1	U	ug/L	0	GE
		Tetrachloroethylene	<2	1	U	ug/L	0	GE
		Toluene	<2	1	U	ug/L	0	GE
		Toxaphene	<1	1	U	ug/L	0	GE
		Trichloroethylene	<2	1	U	ug/L	0	GE
		Trichlorofluoromethane	<2	1	U	ug/L	0	GE
		Tritium	<-1.45	1	UI	pCi/mL	0	GP
		Vinyl acetate	<10	1	U	ug/L	1	GE
		Xylenes	<2	1	U	ug/L	0	GE
		cis-1,3-Dichloropropene	<2	1	U	ug/L	0	GE
		trans-1,2-Dichloroethylene	<2	1	U	ug/L	0	GE
		trans-1,3-Dichloropropene	<2	1	U	ug/L	0	GE
		trans-1,4-Dichloro-2-butene	<2	1	U	ug/L	0	GE

Number of Records: 76

* = exceeded holding time. +=exceeded screening level or final primary drinking water standard.

WELL: LFW63C

<u>SRS Coord.</u>	<u>Lat/Longitude</u>	<u>Screen Zone Elevation</u>	<u>Top of Casing</u>	<u>Casing</u>	<u>Pump</u>	<u>Formation</u>
N 82746.1	33.283111 Deg N	106.2- 96.2 ft msl	168.1 ft msl	2" PVC	V	M. Steed Pond
E 45559.2	-81.707566 Deg W					

FIELD MEASUREMENTS

Sample Date: 12/06/96	Time: 10:42 AM
Water Depth: 28.6 ft	pH: 4
Water Elevation: 137.4 ft msl	Alkalinity: 0 mg/L
Sp. Conductance: 32 µS/cm	Water Temperature: 25 deg. C
Turbidity: 0.6 NTU	
Water Evacuated Before Sampling: 39 gal	Volumes Purged: 5.492 well volumes

LABORATORY ANALYSES

H	ST	Analyte	Result	DF	Mod	Unit	Flag	Lab
		1,1,1,2-Tetrachloroethane	<2	1	U	ug/L	0	GE
		1,1,1-Trichloroethane	<2	1	U	ug/L	0	GE
		1,1,2,2-Tetrachloroethane	<2	1	U	ug/L	0	GE
		1,1,2-Trichloroethane	<2	1	U	ug/L	0	GE
		1,1-Dichloroethane	<2	1	U	ug/L	0	GE
		1,1-Dichloroethylene	<2	1	U	ug/L	0	GE
		1,2,3-Trichloropropane	<2	1	U	ug/L	0	GE
+		1,2-Dibromoethane	<2	1	U	ug/L	2	GE
		1,2-Dichlorobenzene	<2	1	U	ug/L	0	GE
		1,2-Dichloroethane	<2	1	U	ug/L	0	GE
		1,2-Dichloropropane	<2	1	U	ug/L	0	GE
		1,3-Dichlorobenzene	<2	1	U	ug/L	0	GE
		1,4-Dichlorobenzene	<2	1	U	ug/L	0	GE
		2,4,5-TP (Silvex)	<0.0248	1	UJ	ug/L	0	GE
		2,4-Dichlorophenoxyacetic acid	<0.0495	1	UJ	ug/L	0	GE
		2-Chloroethyl vinyl ether	<10	1	U	ug/L	1	GE
		2-Hexanone	<10	1	U	ug/L	0	GE
		Acetone	<10	1	U	ug/L	0	GE
		Acetonitrile (Methyl cyanide)	<10	1	U	ug/L	0	GE
		Acrolein	<20	1	U	ug/L	0	GE
		Acrylonitrile	<50	1	U	ug/L	0	GE
		Aldrin	<0.025	1	U	ug/L	0	GE
		Allyl chloride	<10	1	U	ug/L	0	GE
		Arsenic, total recoverable	<5	1	U	ug/L	0	GE
		Barium, total recoverable	4.47	1		ug/L	0	GE
		Benzene	<2	1	U	ug/L	0	GE
		Bromodichloromethane	<2	1	U	ug/L	0	GE
		Bromoform	<2	1	U	ug/L	0	GE
		Bromomethane (Methyl bromide)	<2	1	U	ug/L	0	GE
		Cadmium, total recoverable	0.148	1	J	ug/L	0	GE
		Carbon disulfide	<5	1	U	ug/L	0	GE
		Carbon tetrachloride	<2	1	U	ug/L	0	GE
		Chlorobenzene	<2	1	U	ug/L	0	GE
		Chloroethane	<2	1	U	ug/L	0	GE
		Chloroethene (Vinyl chloride)	<2	1	U	ug/L	1	GE
		Chloroform	<2	1	U	ug/L	0	GE
		Chloromethane (Methyl chloride)	<2	1	U	ug/L	0	GE
		Chloroprene	<2	1	U	ug/L	0	GE
		Chromium, total recoverable	9.94	1		ug/L	0	GE
		Dibromochloromethane	<2	1	U	ug/L	0	GE
		Dibromomethane (Methylene bromide)	<2	1	U	ug/L	0	GE
		Dichlorodifluoromethane	<2	1	U	ug/L	0	GE
+		Dichloromethane (Methylene chloride)	<10	1	U	ug/L	2	GE
		Dieldrin	<0.05	1	U	ug/L	0	GE

* = exceeded holding time. +=exceeded screening level or final primary drinking water standard.

WELL: LFW63C (cont'd)

LABORATORY ANALYSES (cont'd)

H	ST	Analyte	Result	DF	Mod	Unit	Flag	Lab
		Endrin	<0.05	1	U	ug/L	0	GE
		Endrin	<0.05	1	U	ug/L	0	GE
		Ethylbenzene	<2	1	U	ug/L	0	GE
		Gross alpha	4.68	1		pCi/L	0	GP
		Heptachlor	<0.05	1	U	ug/L	0	GE
		Iodomethane (Methyl iodide)	<10	1	U	ug/L	0	GE
		Isobutyl alcohol	<20	1	U	ug/L	0	GE
		Lead, total recoverable	<5	1	U	ug/L	0	GE
		Lindane	<0.025	1	UJ	ug/L	0	GE
		Lindane	<0.025	1	UJ	ug/L	0	GE
		Mercury, total recoverable	<0.2	1	U	ug/L	0	GE
		Methacrylonitrile	<10	1	U	ug/L	0	GE
		Methoxychlor	<0.5	1	U	ug/L	0	GE
		Methoxychlor	<0.5	1	U	ug/L	0	GE
		Methyl ethyl ketone	<5	1	U	ug/L	0	GE
		Methyl isobutyl ketone	<10	1	U	ug/L	0	GE
		Methyl methacrylate	<10	1	U	ug/L	0	GE
		Nonvolatile beta	2.05	1		pCi/L	0	GP
		Propionitrile	<20	1	U	ug/L	0	GE
		Selenium, total recoverable	<5	1	U	ug/L	0	GE
		Silver, total recoverable	<2	1	U	ug/L	0	GE
		Styrene	<2	1	U	ug/L	0	GE
		Tetrachloroethylene	<2	1	U	ug/L	0	GE
		Toluene	<2	1	U	ug/L	0	GE
		Toxaphene	<1	1	U	ug/L	0	GE
		Toxaphene	<1	1	U	ug/L	0	GE
		Trichloroethylene	<2	1	U	ug/L	0	GE
		Trichlorofluoromethane	<2	1	U	ug/L	0	GE
		Tritium	<-0.528	1	UI	pCi/mL	0	GP
		Vinyl acetate	<10	1	U	ug/L	1	GE
		Xylenes	<2	1	U	ug/L	0	GE
		cis-1,3-Dichloropropene	<2	1	U	ug/L	0	GE
		p,p'-DDT	<0.1	1	U	ug/L	0	GE
		trans-1,2-Dichloroethylene	<2	1	U	ug/L	0	GE
		trans-1,3-Dichloropropene	<2	1	U	ug/L	0	GE
		trans-1,4-Dichloro-2-butene	<2	1	U	ug/L	0	GE

Number of Records: 84

* = exceeded holding time. +=exceeded screening level or final primary drinking water standard.

WELL: LFW63D

<u>SRS Coord.</u>	<u>Lat/Longitude</u>	<u>Screen Zone Elevation</u>	<u>Top of Casing</u>	<u>Casing</u>	<u>Pump</u>	<u>Formation</u>
N 82751.8	33.28314 Deg N	146.4-126.4 ft msl	168.3 ft msl	2" PVC	V	U. Steed Pond
E 45569.1	-81.707551 Deg W					

FIELD MEASUREMENTS

Sample Date: 12/02/96	Time: 1:14 PM
Water Depth: 28.46 ft	pH: 4.8
Water Elevation: 137.74 ft msl	Alkalinity: 8 mg/L
Sp. Conductance: 50 µS/cm	Water Temperature: 24 deg. C
Turbidity: 6.2 NTU	
Water Evacuated Before Sampling: 8 gal.	Volumes Purged: 3.630 well volumes

LABORATORY ANALYSES

H	ST	Analyte	Result	DF	Mod	Unit	Flag	Lab
		1,1,1,2-Tetrachloroethane	<2	1	U	ug/L	0	GE
		1,1,1-Trichloroethane	2.4	1		ug/L	0	GE
		1,1,2,2-Tetrachloroethane	<2	1	U	ug/L	0	GE
		1,1,2-Trichloroethane	<2	1	U	ug/L	0	GE
+		1,1-Dichloroethane	12.9	1		ug/L	2	GE
		1,1-Dichloroethylene	<2	1	U	ug/L	0	GE
		1,2,3-Trichloropropane	<2	1	U	ug/L	0	GE
+		1,2-Dibromoethane	<2	1	U	ug/L	2	GE
		1,2-Dichlorobenzene	<2	1	U	ug/L	0	GE
		1,2-Dichloroethane	<2	1	U	ug/L	0	GE
		1,2-Dichloropropane	<2	1	U	ug/L	0	GE
		1,3-Dichlorobenzene	<2	1	U	ug/L	0	GE
		1,4-Dichlorobenzene	21.8	1		ug/L	0	GE
		2,4,5-TP (Silvex)	<0.025	1	UJ	ug/L	0	GE
		2,4-Dichlorophenoxyacetic acid	<0.05	1	UJ	ug/L	0	GE
		2-Chloroethyl vinyl ether	<10	1	U	ug/L	1	GE
		2-Hexanone	<10	1	U	ug/L	0	GE
		Acetone	<10	1	U	ug/L	0	GE
		Acetonitrile (Methyl cyanide)	<10	1	U	ug/L	0	GE
		Acrolein	<20	1	U	ug/L	0	GE
		Acrylonitrile	<50	1	U	ug/L	0	GE
		Allyl chloride	<10	1	U	ug/L	0	GE
		Arsenic, total recoverable	<5	1	U	ug/L	0	GE
		Barium, total recoverable	4.36	1		ug/L	0	GE
		Benzene	1	1	J	ug/L	0	GE
		Bromodichloromethane	<2	1	U	ug/L	0	GE
		Bromoform	<2	1	U	ug/L	0	GE
		Bromomethane (Methyl bromide)	<2	1	U	ug/L	0	GE
		Cadmium, total recoverable	<0.176	1	U	ug/L	0	GE
		Carbon disulfide	<5	1	U	ug/L	0	GE
		Carbon tetrachloride	<2	1	U	ug/L	0	GE
		Chlorobenzene	10.9	1		ug/L	0	GE
		Chloroethane	<2	1	U	ug/L	0	GE
+		Chloroethene (Vinyl chloride)	13.9	1		ug/L	2	GE
		Chloroform	<2	1	U	ug/L	0	GE
		Chloromethane (Methyl chloride)	<2	1	U	ug/L	0	GE
		Chromium, total recoverable	5.68	1		ug/L	0	GE
		Dibromochloromethane	<2	1	U	ug/L	0	GE
		Dibromomethane (Methylene bromide)	<2	1	U	ug/L	0	GE
		Dichlorodifluoromethane	<2	1	U	ug/L	0	GE
		Dichloromethane (Methylene chloride)	<1.4	1	U	ug/L	0	GE
		Endrin	<0.05	1	UJ	ug/L	0	GE
		Ethylbenzene	<2	1	U	ug/L	0	GE
		Gross alpha	1.13	1		pCi/L	0	GP

* = exceeded holding time. +=exceeded screening level or final primary drinking water standard.

WELL: LFW63D (cont'd)

LABORATORY ANALYSES (cont'd)

H	ST	Analyte	Result	DF	Mod	Unit	Flag	Lab
		Iodomethane (Methyl iodide)	<10	1	U	ug/L	0	GE
		Isobutyl alcohol	<20	1	U	ug/L	0	GE
		Lead, total recoverable	14.6	1	J	ug/L	0	GE
		Lindane	<0.025	1	UJ	ug/L	0	GE
		Mercury, total recoverable	0.075	1	J	ug/L	0	GE
		Methacrylonitrile	<10	1	U	ug/L	0	GE
		Methoxychlor	<0.5	1	UJ	ug/L	0	GE
		Methyl ethyl ketone	<5	1	U	ug/L	0	GE
		Methyl isobutyl ketone	<10	1	U	ug/L	0	GE
		Methyl methacrylate	<10	1	U	ug/L	0	GE
		Nitrate-nitrite as nitrogen	280	1		ug/L	0	GE
		Nonvolatile beta	<1.81	1	UI	pCi/L	0	GP
		Propionitrile	<20	1	U	ug/L	0	GE
		Radium-226	0.82	1	J	pCi/L	0	GP
		Radium-228	1	1		pCi/L	0	GP
		Selenium, total recoverable	<5	1	U	ug/L	0	GE
		Silver, total recoverable	<2	1	U	ug/L	0	GE
		Styrene	<2	1	U	ug/L	0	GE
		Tetrachloroethylene	<2	1	U	ug/L	0	GE
		Toluene	<2	1	U	ug/L	0	GE
		Toxaphene	<1	1	UJ	ug/L	0	GE
		Trichloroethylene	<2	1	U	ug/L	0	GE
		Trichlorofluoromethane	60.2	1		ug/L	2	GE
		Tritium	<-5.28	1	UI	pCi/mL	0	GP
		Vinyl acetate	<10	1	U	ug/L	1	GE
		Xylenes	<2	1	U	ug/L	0	GE
		cis-1,3-Dichloropropene	<2	1	U	ug/L	0	GE
		trans-1,2-Dichloroethylene	<2	1	U	ug/L	0	GE
		trans-1,3-Dichloropropene	<2	1	U	ug/L	0	GE
		trans-1,4-Dichloro-2-butene	<2	1	U	ug/L	0	GE

Number of Records: 78

* = exceeded holding time. +=exceeded screening level or final primary drinking water standard.

WELL: LFW64C

<u>SRS Coord.</u>	<u>Lat/Longitude</u>	<u>Screen Zone Elevation</u>	<u>Top of Casing</u>	<u>Casing</u>	<u>Pump</u>	<u>Formation</u>
N 82744.8	33.282638 Deg N	93- 83 ft msl	152.2 ft msl	2" PVC	V	M. Steed Pond
E 45271.3	-81.708321 Deg W					

FIELD MEASUREMENTS

Sample Date: 12/05/96	Time: 9:10 AM
Water Depth: 12.62 ft	pH: 3.6
Water Elevation: 137.38 ft msl	Alkalinity: 0 mg/L
Sp. Conductance: 64 µS/cm	Water Temperature: 23 deg. C
Turbidity: 0.6 NTU	
Water Evacuated Before Sampling: 21 gal	Volumes Purged: 2.263 well volumes

LABORATORY ANALYSES

H	ST	Analyte	Result	DF	Mod	Unit	Flag	Lab
		1,1,1,2-Tetrachloroethane	<2	1	U	ug/L	0	GE
		1,1,1-Trichloroethane	<2	1	U	ug/L	0	GE
		1,1,2,2-Tetrachloroethane	<2	1	U	ug/L	0	GE
		1,1,2-Trichloroethane	<2	1	U	ug/L	0	GE
		1,1-Dichloroethane	<2	1	U	ug/L	0	GE
		1,1-Dichloroethylene	<2	1	U	ug/L	0	GE
		1,2,3-Trichloropropane	<2	1	U	ug/L	0	GE
+		1,2-Dibromoethane	<2	1	U	ug/L	2	GE
		1,2-Dichlorobenzene	<2	1	U	ug/L	0	GE
		1,2-Dichloroethane	<2	1	U	ug/L	0	GE
		1,2-Dichloropropane	<2	1	U	ug/L	0	GE
		1,3-Dichlorobenzene	<2	1	U	ug/L	0	GE
		1,4-Dichlorobenzene	<2	1	U	ug/L	0	GE
		2,4,5-TP (Silvex)	<0.0238	1	UJ	ug/L	0	GE
		2,4-Dichlorophenoxyacetic acid	<0.0476	1	UJ	ug/L	0	GE
		2-Chloroethyl vinyl ether	<10	1	U	ug/L	1	GE
		2-Hexanone	<10	1	U	ug/L	0	GE
		Acetone	<10	1	U	ug/L	0	GE
		Acetonitrile (Methyl cyanide)	<10	1	U	ug/L	0	GE
		Acrolein	<20	1	U	ug/L	0	GE
		Acrylonitrile	<50	1	U	ug/L	0	GE
		Allyl chloride	<10	1	U	ug/L	0	GE
		Arsenic, total recoverable	<5	1	U	ug/L	0	GE
		Barium, total recoverable	8.14	1		ug/L	0	GE
		Benzene	<2	1	U	ug/L	0	GE
		Bromodichloromethane	<2	1	U	ug/L	0	GE
		Bromoform	<2	1	U	ug/L	0	GE
		Bromomethane (Methyl bromide)	<2	1	U	ug/L	0	GE
		Cadmium, total recoverable	0.478	1	J	ug/L	0	GE
		Carbon disulfide	<5	1	U	ug/L	0	GE
		Carbon tetrachloride	<2	1	U	ug/L	0	GE
		Chlorobenzene	<2	1	U	ug/L	0	GE
		Chloroethane	<2	1	U	ug/L	0	GE
		Chloroethene (Vinyl chloride)	<2	1	U	ug/L	1	GE
		Chloroform	<2	1	U	ug/L	0	GE
		Chloromethane (Methyl chloride)	<2	1	U	ug/L	0	GE
		Chloroprene	<2	1	U	ug/L	0	GE
		Chromium, total recoverable	1.19	1	J	ug/L	0	GE
		Dibromochloromethane	<2	1	U	ug/L	0	GE
		Dibromomethane (Methylene bromide)	<2	1	U	ug/L	0	GE
		Dichlorodifluoromethane	<2	1	U	ug/L	0	GE
+		Dichloromethane (Methylene chloride)	<10	1	U	ug/L	2	GE
		Endrin	<0.05	1	U	ug/L	0	GE

* = exceeded holding time. +=exceeded screening level or final primary drinking water standard.

WELL: LFW64C (cont'd)

LABORATORY ANALYSES (cont'd)

H	ST	Analyte	Result	DF	Mod	Unit	Flag	Lab
		Ethylbenzene	<2	1	U	ug/L	0	GE
		Gross alpha	15	1		pCi/L	1	GP
		Iodomethane (Methyl iodide)	<10	1	U	ug/L	0	GE
		Isobutyl alcohol	<20	1	U	ug/L	0	GE
		Lead, total recoverable	2.87	1	J	ug/L	0	GE
		Lindane	<0.025	1	U	ug/L	0	GE
		Mercury, total recoverable	<0.2	1	U	ug/L	0	GE
		Methacrylonitrile	<10	1	U	ug/L	0	GE
		Methoxychlor	<0.5	1	U	ug/L	0	GE
		Methyl ethyl ketone	<5	1	U	ug/L	0	GE
		Methyl isobutyl ketone	<10	1	U	ug/L	0	GE
		Methyl methacrylate	<10	1	U	ug/L	0	GE
		Nonvolatile beta	8.69	1		pCi/L	0	GP
		Propionitrile	<20	1	U	ug/L	0	GE
		Radium-228	4.22	1		pCi/L	0	GP
		Selenium, total recoverable	<5	1	U	ug/L	0	GE
		Silver, total recoverable	<2	1	U	ug/L	0	GE
		Styrene	<2	1	U	ug/L	0	GE
		Tetrachloroethylene	<2	1	U	ug/L	0	GE
		Toluene	<2	1	U	ug/L	0	GE
		Toxaphene	<1	1	U	ug/L	0	GE
		Trichloroethylene	<2	1	U	ug/L	0	GE
		Trichlorofluoromethane	<2	1	U	ug/L	0	GE
		Tritium	<-8.02	1	UI	pCi/mL	0	GP
		Vinyl acetate	<10	1	U	ug/L	1	GE
		Xylenes	<2	1	U	ug/L	0	GE
		cis-1,3-Dichloropropene	<2	1	U	ug/L	0	GE
		trans-1,2-Dichloroethylene	<2	1	U	ug/L	0	GE
		trans-1,3-Dichloropropene	<2	1	U	ug/L	0	GE
		trans-1,4-Dichloro-2-butene	<2	1	U	ug/L	0	GE

Number of Records: 77

* = exceeded holding time. +=exceeded screening level or final primary drinking water standard.

WELL: LFW64D

<u>SRS Coord.</u>	<u>Lat/Longitude</u>	<u>Screen Zone Elevation</u>	<u>Top of Casing</u>	<u>Casing</u>	<u>Pump</u>	<u>Formation</u>
N 82737.8	33.282638 Deg N	135.2-115.2 ft msl	152.2 ft msl	2" PVC	V	U. Steed Pond
E 45280.7	-81.708283 Deg W					

FIELD MEASUREMENTS

Sample Date: 12/03/96	Time: 11:10 AM
Water Depth: 12.51 ft	pH: 5.2
Water Elevation: 137.69 ft msl	Alkalinity: 17 mg/L
Sp. Conductance: 96 µS/cm	Water Temperature: 22 deg. C
Turbidity: 0.6 NTU	
Water Evacuated Before Sampling: 22 gal	Volumes Purged: 5.478 well volumes

LABORATORY ANALYSES

H	ST	Analyte	Result	DF	Mod	Unit	Flag	Lab
		1,1,1,2-Tetrachloroethane	<2	1	U	ug/L	0	GE
		1,1,1-Trichloroethane	<2	1	U	ug/L	0	GE
		1,1,2,2-Tetrachloroethane	<2	1	U	ug/L	0	GE
		1,1,2-Trichloroethane	<2	1	U	ug/L	0	GE
		1,1-Dichloroethane	9.3	1		ug/L	1	GE
		1,1-Dichloroethylene	<2	1	U	ug/L	0	GE
		1,2,3-Trichloropropane	<2	1	U	ug/L	0	GE
+		1,2-Dibromoethane	<2	1	U	ug/L	2	GE
		1,2-Dichlorobenzene	<2	1	U	ug/L	0	GE
		1,2-Dichloroethane	<2	1	U	ug/L	0	GE
		1,2-Dichloropropane	<2	1	U	ug/L	0	GE
		1,3-Dichlorobenzene	<2	1	U	ug/L	0	GE
		1,4-Dichlorobenzene	37.7	1		ug/L	1	GE
		2,4,5-TP (Silvex)	<0.0248	1	UJ	ug/L	0	GE
		2,4-Dichlorophenoxyacetic acid	<0.0495	1	UJ	ug/L	0	GE
		2-Chloroethyl vinyl ether	<10	1	U	ug/L	1	GE
		2-Hexanone	<10	1	U	ug/L	0	GE
		Acetone	<10	1	U	ug/L	0	GE
		Acetonitrile (Methyl cyanide)	<10	1	U	ug/L	0	GE
		Acrolein	<20	1	U	ug/L	0	GE
		Acrylonitrile	<50	1	U	ug/L	0	GE
		Allyl chloride	<10	1	U	ug/L	0	GE
		Arsenic, total recoverable	<5	1	U	ug/L	0	GE
		Barium, total recoverable	11.6	1		ug/L	0	GE
		Benzene	1.4	1	J	ug/L	0	GE
		Bromodichloromethane	<2	1	U	ug/L	0	GE
		Bromoform	<2	1	U	ug/L	0	GE
		Bromomethane (Methyl bromide)	<2	1	U	ug/L	0	GE
		Cadmium, total recoverable	<2	1	U	ug/L	0	GE
		Carbon disulfide	<5	1	U	ug/L	0	GE
		Carbon tetrachloride	<2	1	U	ug/L	0	GE
		Chlorobenzene	20.8	1		ug/L	0	GE
		Chloroethane	<2	1	U	ug/L	0	GE
+		Chloroethene (Vinyl chloride)	26.2	1		ug/L	2	GE
		Chloroform	<2	1	U	ug/L	0	GE
		Chloromethane (Methyl chloride)	<2	1	U	ug/L	0	GE
		Chloroprene	<2	1	U	ug/L	0	GE
		Chromium, total recoverable	<4	1	U	ug/L	0	GE
		Dibromochloromethane	<2	1	U	ug/L	0	GE
		Dibromomethane (Methylene bromide)	<2	1	U	ug/L	0	GE
		Dichlorodifluoromethane	<2	1	U	ug/L	0	GE
		Dichloromethane (Methylene chloride)	<1.8	1	U	ug/L	0	GE
		Endrin	<0.05	1	UJ	ug/L	0	GE
		Ethylbenzene	<2	1	U	ug/L	0	GE

* = exceeded holding time. +=exceeded screening level or final primary drinking water standard.

WELL: LFW64D (cont'd)

LABORATORY ANALYSES (cont'd)

H	ST	Analyte	Result	DF	Mod	Unit	Flag	Lab
		Gross alpha	2.25	1		pCi/L	0	GP
		Iodomethane (Methyl iodide)	<10	1	U	ug/L	0	GE
		Isobutyl alcohol	<20	1	U	ug/L	0	GE
		Lead, total recoverable	<5	1	UJ	ug/L	0	GE
		Lindane	<0.025	1	U	ug/L	0	GE
		Mercury, total recoverable	<0.2	1	U	ug/L	0	GE
		Methacrylonitrile	<10	1	U	ug/L	0	GE
		Methoxychlor	<0.5	1	U	ug/L	0	GE
		Methyl ethyl ketone	<5	1	U	ug/L	0	GE
		Methyl isobutyl ketone	<10	1	U	ug/L	0	GE
		Methyl methacrylate	<10	1	U	ug/L	0	GE
		Nitrate-nitrite as nitrogen	380	1		ug/L	0	GE
		Nitrate-nitrite as nitrogen	400	1		ug/L	0	GE
		Nonvolatile beta	<1.23	1	UI	pCi/L	0	GP
		Propionitrile	<20	1	U	ug/L	0	GE
		Radium-226	1.31	1	J	pCi/L	0	GP
		Radium-228	0.841	1		pCi/L	0	GP
		Selenium, total recoverable	<5	1	U	ug/L	0	GE
		Silver, total recoverable	<2	1	U	ug/L	0	GE
		Styrene	<2	1	U	ug/L	0	GE
		Tetrachloroethylene	<2	1	U	ug/L	0	GE
		Toluene	<2	1	U	ug/L	0	GE
		Toxaphene	<1	1	U	ug/L	0	GE
		Trichloroethylene	<2	1	U	ug/L	0	GE
		Trichlorofluoromethane	<2	1	U	ug/L	0	GE
		Tritium	16.4	1		pCi/mL	1	GP
		Vinyl acetate	<10	1	U	ug/L	1	GE
		Xylenes	1.4	1	J	ug/L	0	GE
		cis-1,3-Dichloropropene	<2	1	U	ug/L	0	GE
		trans-1,2-Dichloroethylene	<2	1	U	ug/L	0	GE
		trans-1,3-Dichloropropene	<2	1	U	ug/L	0	GE
		trans-1,4-Dichloro-2-butene	<2	1	U	ug/L	0	GE

Number of Records: 80

* = exceeded holding time. +=exceeded screening level or final primary drinking water standard.

WELL: LFW65B

<u>SRS Coord.</u>	<u>Lat/Longitude</u>	<u>Screen Zone Elevation</u>	<u>Top of Casing</u>	<u>Casing</u>	<u>Pump</u>	<u>Formation</u>
N 82589.2	33.283584 Deg N	63.5- 53.5 ft msl	148.2 ft msl	2" PVC	V	L. Steed Pond
E 46061.8	-81.705938 Deg W					

FIELD MEASUREMENTS

Sample Date: 12/09/96	Time: 9:37 AM
Water Depth: 10.8 ft	pH: 4.2
Water Elevation: 135.3 ft msl	Alkalinity: 0 mg/L
Sp. Conductance: 64 µS/cm	Water Temperature: 20 deg. C
Turbidity: 0.8 NTU	
Water Evacuated Before Sampling: 36 gal	Volumes Purged: 2.616 well volumes

LABORATORY ANALYSES

H	ST	Analyte	Result	DF	Mod	Unit	Flag	Lab
		1,1,1,2-Tetrachloroethane	<2	1	U	ug/L	0	GE
		1,1,1-Trichloroethane	<2	1	U	ug/L	0	GE
		1,1,2,2-Tetrachloroethane	<2	1	U	ug/L	0	GE
		1,1,2-Trichloroethane	<2	1	U	ug/L	0	GE
		1,1-Dichloroethane	<2	1	U	ug/L	0	GE
		1,1-Dichloroethylene	<2	1	U	ug/L	0	GE
		1,2,3-Trichloropropane	<2	1	U	ug/L	0	GE
+		1,2-Dibromoethane	<2	1	U	ug/L	2	GE
		1,2-Dichlorobenzene	<2	1	U	ug/L	0	GE
		1,2-Dichloroethane	<2	1	U	ug/L	0	GE
		1,2-Dichloropropane	<2	1	U	ug/L	0	GE
		1,3-Dichlorobenzene	<2	1	U	ug/L	0	GE
		1,4-Dichlorobenzene	<2	1	U	ug/L	0	GE
		2,4,5-TP (Silvex)	<0.025	1	U	ug/L	0	GE
		2,4-Dichlorophenoxyacetic acid	<10	1	U	ug/L	1	GE
		2-Hexanone	<10	1	U	ug/L	0	GE
		Acetone	<10	1	U	ug/L	0	GE
		Acetonitrile (Methyl cyanide)	<10	1	U	ug/L	0	GE
		Acrolein	<20	1	U	ug/L	0	GE
		Acrylonitrile	<50	1	U	ug/L	0	GE
		Allyl chloride	<10	1	U	ug/L	0	GE
		Arsenic, total recoverable	<5	1	U	ug/L	0	GE
		Barium, total recoverable	7.03	1		ug/L	0	GE
		Benzene	<2	1	U	ug/L	0	GE
		Bromodichloromethane	<2	1	U	ug/L	0	GE
		Bromoform	<2	1	U	ug/L	0	GE
		Bromomethane (Methyl bromide)	<2	1	U	ug/L	0	GE
		Cadmium, total recoverable	0.0971	1	J	ug/L	0	GE
		Carbon disulfide	<5	1	U	ug/L	0	GE
		Carbon tetrachloride	<2	1	U	ug/L	0	GE
		Chlorobenzene	<2	1	U	ug/L	0	GE
		Chloroethane	<2	1	U	ug/L	0	GE
		Chloroethene (Vinyl chloride)	<2	1	U	ug/L	1	GE
		Chloroform	<2	1	U	ug/L	0	GE
		Chloromethane (Methyl chloride)	<2	1	U	ug/L	0	GE
		Chloroprene	<2	1	U	ug/L	0	GE
		Chromium, total recoverable	9.76	1		ug/L	0	GE
		Dibromochloromethane	<2	1	U	ug/L	0	GE
		Dibromomethane (Methylene bromide)	<2	1	U	ug/L	0	GE
		Dichlorodifluoromethane	<2	1	U	ug/L	0	GE
+		Dichloromethane (Methylene chloride)	<10	1	U	ug/L	2	GE
		Endrin	<0.05	1	U	ug/L	0	GE
		Ethylbenzene	<2	1	U	ug/L	0	GE
		Gross alpha	7.24	1		pCi/L	0	GP

* = exceeded holding time. +=exceeded screening level or final primary drinking water standard.

WELL: LFW65B (cont'd)

LABORATORY ANALYSES (cont'd)

H	ST	Analyte	Result	DF	Mod	Unit	Flag	Lab
		Iodomethane (Methyl iodide)	<10	1	U	ug/L	0	GE
		Isobutyl alcohol	<20	1	U	ug/L	0	GE
		Lead, total recoverable	<5	1	U	ug/L	0	GE
		Lindane	<0.025	1	UJ	ug/L	0	GE
		Mercury, total recoverable	0.275	1		ug/L	0	GE
		Methacrylonitrile	<10	1	U	ug/L	0	GE
		Methoxychlor	<0.5	1	U	ug/L	0	GE
		Methyl ethyl ketone	<5	1	U	ug/L	0	GE
		Methyl isobutyl ketone	<10	1	U	ug/L	0	GE
		Methyl methacrylate	<10	1	U	ug/L	0	GE
		Nonvolatile beta	3.64	1		pCi/L	0	GP
		Propionitrile	<20	1	U	ug/L	0	GE
		Selenium, total recoverable	<5	1	U	ug/L	0	GE
		Silver, total recoverable	<2	1	U	ug/L	0	GE
		Styrene	<2	1	U	ug/L	0	GE
		Tetrachloroethylene	<2	1	U	ug/L	0	GE
		Toluene	<2	1	U	ug/L	0	GE
		Toxaphene	<1	1	U	ug/L	0	GE
		Trichloroethylene	<2	1	U	ug/L	0	GE
		Trichlorofluoromethane	<2	1	U	ug/L	0	GE
		Tritium	<-4.76	1	UI	pCi/mL	0	GP
		Vinyl acetate	<10	1	U	ug/L	1	GE
		Xylenes	<2	1	U	ug/L	0	GE
		cis-1,3-Dichloropropene	<2	1	U	ug/L	0	GE
		trans-1,2-Dichloroethylene	<2	1	U	ug/L	0	GE
		trans-1,3-Dichloropropene	<2	1	U	ug/L	0	GE
		trans-1,4-Dichloro-2-butene	<2	1	U	ug/L	0	GE

Number of Records: 76

* = exceeded holding time. +=exceeded screening level or final primary drinking water standard.

WELL: LFW65C

<u>SRS Coord.</u>	<u>Lat/Longitude</u>	<u>Screen Zone Elevation</u>	<u>Top of Casing</u>	<u>Casing</u>	<u>Pump</u>	<u>Formation</u>
N 82592.9	33.283597 Deg N	96.1- 86.1 ft msl	148.2 ft msl	2" PVC	V	M. Steed Pond
E 46064.4	-81.705938 Deg W					

FIELD MEASUREMENTS

Sample Date: 12/05/96	Time: 2:25 PM
Water Depth: 10.85 ft	pH: 4.4
Water Elevation: 135.25 ft msl	Alkalinity: 0 mg/L
Sp. Conductance: 32 µS/cm	Water Temperature: 22 deg. C
Turbidity: 1 NTU	
Water Evacuated Before Sampling: 21 gal	Volumes Purged: 2.499 well volumes

LABORATORY ANALYSES

H	ST	Analyte	Result	DF	Mod	Unit	Flag	Lab
		1,1,1,2-Tetrachloroethane	<2	1	U	ug/L	0	GE
		1,1,1-Trichloroethane	<2	1	U	ug/L	0	GE
		1,1,2,2-Tetrachloroethane	<2	1	U	ug/L	0	GE
		1,1,2-Trichloroethane	<2	1	U	ug/L	0	GE
		1,1-Dichloroethane	<2	1	U	ug/L	0	GE
		1,1-Dichloroethylene	<2	1	U	ug/L	0	GE
		1,2,3-Trichloropropane	<2	1	U	ug/L	0	GE
+		1,2-Dibromoethane	<2	1	U	ug/L	2	GE
		1,2-Dichlorobenzene	<2	1	U	ug/L	0	GE
		1,2-Dichloroethane	<2	1	U	ug/L	0	GE
		1,2-Dichloropropane	<2	1	U	ug/L	0	GE
		1,3-Dichlorobenzene	<2	1	U	ug/L	0	GE
		1,4-Dichlorobenzene	<2	1	U	ug/L	0	GE
		2,4,5-TP (Silvex)	<0.0248	1	UJ	ug/L	0	GE
		2,4-Dichlorophenoxyacetic acid	<0.0495	1	UJ	ug/L	0	GE
		2-Chloroethyl vinyl ether	<10	1	U	ug/L	1	GE
		2-Hexanone	<10	1	U	ug/L	0	GE
		Acetone	<10	1	U	ug/L	0	GE
		Acetonitrile (Methyl cyanide)	<10	1	U	ug/L	0	GE
		Acrolein	<20	1	U	ug/L	0	GE
		Acrylonitrile	<50	1	U	ug/L	0	GE
		Allyl chloride	<10	1	U	ug/L	0	GE
		Arsenic, total recoverable	<5	1	U	ug/L	0	GE
		Barium, total recoverable	9.31	1		ug/L	0	GE
		Benzene	<2	1	U	ug/L	0	GE
		Bromodichloromethane	<2	1	U	ug/L	0	GE
		Bromoform	<2	1	U	ug/L	0	GE
		Bromomethane (Methyl bromide)	<2	1	U	ug/L	0	GE
		Cadmium, total recoverable	<2	1	U	ug/L	0	GE
		Carbon disulfide	<5	1	U	ug/L	0	GE
		Carbon tetrachloride	<2	1	U	ug/L	0	GE
		Chlorobenzene	<2	1	U	ug/L	0	GE
		Chloroethane	<2	1	U	ug/L	0	GE
		Chloroethene (Vinyl chloride)	<2	1	U	ug/L	1	GE
		Chloroform	<2	1	U	ug/L	0	GE
		Chloromethane (Methyl chloride)	<2	1	U	ug/L	0	GE
		Chloroprene	<2	1	U	ug/L	0	GE
		Chromium, total recoverable	1.67	1	J	ug/L	0	GE
		Dibromochloromethane	<2	1	U	ug/L	0	GE
		Dibromomethane (Methylene bromide)	<2	1	U	ug/L	0	GE
		Dichlorodifluoromethane	<2	1	U	ug/L	0	GE
+		Dichloromethane (Methylene chloride)	<10	1	U	ug/L	2	GE
		Endrin	<0.0495	1	U	ug/L	0	GE
		Ethylbenzene	<2	1	U	ug/L	0	GE

* = exceeded holding time. +=exceeded screening level or final primary drinking water standard.

WELL: LFW65C (cont'd)

LABORATORY ANALYSES (cont'd)

H	ST	Analyte	Result	DF	Mod	Unit	Flag	Lab
		Gross alpha	3.09	1		pCi/L	0	GP
		Iodomethane (Methyl iodide)	<10	1	U	ug/L	0	GE
		Isobutyl alcohol	<20	1	U	ug/L	0	GE
		Lead, total recoverable	<5	1	UI	ug/L	0	GE
		Lindane	<0.0248	1	U	ug/L	0	GE
		Mercury, total recoverable	<0.2	1	U	ug/L	0	GE
		Methacrylonitrile	<10	1	U	ug/L	0	GE
		Methoxychlor	<0.495	1	U	ug/L	0	GE
		Methyl ethyl ketone	<5	1	U	ug/L	0	GE
		Methyl isobutyl ketone	<10	1	U	ug/L	0	GE
		Methyl methacrylate	<10	1	U	ug/L	0	GE
		Nonvolatile beta	1.32	1		pCi/L	0	GP
		Propionitrile	<20	1	U	ug/L	0	GE
		Radium-228	<0.725	1	UI	pCi/L	0	GP
		Radium-228	0.9	1		pCi/L	0	GP
		Selenium, total recoverable	<5	1	U	ug/L	0	GE
		Silver, total recoverable	<2	1	U	ug/L	0	GE
		Styrene	<2	1	U	ug/L	0	GE
		Tetrachloroethylene	<2	1	U	ug/L	0	GE
		Toluene	<2	1	U	ug/L	0	GE
		Toxaphene	<0.99	1	U	ug/L	0	GE
		Trichloroethylene	<2	1	U	ug/L	0	GE
		Trichlorofluoromethane	<2	1	U	ug/L	0	GE
		Tritium	-4.17	1	UII	pCi/mL	0	GP
		Tritium	-6.92	1	UII	pCi/mL	0	GP
		Vinyl acetate	<10	1	U	ug/L	1	GE
		Xylenes	<2	1	U	ug/L	0	GE
		cis-1,3-Dichloropropene	<2	1	U	ug/L	0	GE
		trans-1,2-Dichloroethylene	<2	1	U	ug/L	0	GE
		trans-1,3-Dichloropropene	<2	1	U	ug/L	0	GE
		trans-1,4-Dichloro-2-butene	<2	1	U	ug/L	0	GE

Number of Records: 79

* = exceeded holding time. +=exceeded screening level or final primary drinking water standard.

WELL: LFW65D

<u>SRS Coord.</u>	<u>Lat/Longitude</u>	<u>Screen Zone Elevation</u>	<u>Top of Casing</u>	<u>Casing</u>	<u>Pump</u>	<u>Formation</u>
N 82598.4	33.283621 Deg N	131.5-111.5 ft msl	148.4 ft msl	2" PVC	V	U. Steed Pond
E 46071.8	-81.70593 Deg W					

FIELD MEASUREMENTS

Sample Date: 12/05/96	Time: 3:04 PM
Water Depth: 10.92 ft	pH: 4.4
Water Elevation: 135.38 ft msl	Alkalinity: 0 mg/L
Sp. Conductance: 20 µS/cm	Water Temperature: 22 deg. C
Turbidity: 1.6 NTU	
Water Evacuated Before Sampling: 33 gal	Volumes Purged: 7.745 well volumes

LABORATORY ANALYSES

H	ST	Analyte	Result	DF	Mod	Unit	Flag	Lab
		1,1,1,2-Tetrachloroethane	<2	1	U	ug/L	0	GE
		1,1,1-Trichloroethane	3.6	1		ug/L	0	GE
		1,1,2,2-Tetrachloroethane	<2	1	U	ug/L	0	GE
		1,1,2-Trichloroethane	<2	1	U	ug/L	0	GE
+		1,1-Dichloroethane	22.4	1		ug/L	2	GE
		1,1-Dichloroethylene	1.1	1	J	ug/L	0	GE
		1,2,3-Trichloropropane	<2	1	U	ug/L	0	GE
+		1,2-Dibromoethane	<2	1	U	ug/L	2	GE
		1,2-Dichlorobenzene	<2	1	U	ug/L	0	GE
		1,2-Dichloroethane	<2	1	U	ug/L	0	GE
		1,2-Dichloropropane	<2	1	U	ug/L	0	GE
		1,3-Dichlorobenzene	<2	1	U	ug/L	0	GE
		1,4-Dichlorobenzene	2.6	1		ug/L	0	GE
		2,4,5-TP (Silvex)	<0.0248	1	UJ	ug/L	0	GE
		2,4-Dichlorophenoxyacetic acid	<0.0495	1	UJ	ug/L	0	GE
		2-Chloroethyl vinyl ether	<10	1	U	ug/L	1	GE
		2-Hexanone	<10	1	U	ug/L	0	GE
		Acetone	<10	1	U	ug/L	0	GE
		Acetonitrile (Methyl cyanide)	<10	1	U	ug/L	0	GE
		Acrolein	<20	1	U	ug/L	0	GE
		Acrylonitrile	<50	1	U	ug/L	0	GE
		Allyl chloride	<10	1	U	ug/L	0	GE
		Arsenic, total recoverable	<5	1	U	ug/L	0	GE
		Barium, total recoverable	3.4	1		ug/L	0	GE
		Benzene	<2	1	U	ug/L	0	GE
		Bromodichloromethane	<2	1	U	ug/L	0	GE
		Bromoform	<2	1	U	ug/L	0	GE
		Bromomethane (Methyl bromide)	<2	1	U	ug/L	0	GE
		Cadmium, total recoverable	<2	1	U	ug/L	0	GE
		Carbon disulfide	<5	1	U	ug/L	0	GE
		Carbon tetrachloride	<2	1	U	ug/L	0	GE
		Chlorobenzene	<2	1	U	ug/L	0	GE
		Chloroethane	<2	1	U	ug/L	0	GE
		Chloroethene (Vinyl chloride)	<2	1	U	ug/L	1	GE
		Chloroform	<2	1	U	ug/L	0	GE
		Chloromethane (Methyl chloride)	<2	1	U	ug/L	0	GE
		Chloroprene	<2	1	U	ug/L	0	GE
		Chromium, total recoverable	1.01	1	J	ug/L	0	GE
		Dibromochloromethane	<2	1	U	ug/L	0	GE
		Dibromomethane (Methylene bromide)	<2	1	U	ug/L	0	GE
		Dichlorodifluoromethane	<2	1	U	ug/L	0	GE
+		Dichloromethane (Methylene chloride)	<5.1	1	U	ug/L	2	GE
		Endrin	<0.0495	1	U	ug/L	0	GE
		Ethylbenzene	<2	1	U	ug/L	0	GE

* = exceeded holding time. +=exceeded screening level or final primary drinking water standard.

WELL: LFWY65D (cont'd)

LABORATORY ANALYSES (cont'd)

H	ST	Analyte	Result	DF	Mod	Unit	Flag	Lab
		Gross alpha	<0.968	1	UI	pCi/L	0	GP
		Iodomethane (Methyl iodide)	<10	1	U	ug/L	0	GE
		Isobutyl alcohol	<20	1	U	ug/L	0	GE
		Lead, total recoverable	1.48	1	J	ug/L	0	GE
		Lindane	<0.0248	1	U	ug/L	0	GE
		Mercury, total recoverable	<0.2	1	U	ug/L	0	GE
		Methacrylonitrile	<10	1	U	ug/L	0	GE
		Methoxychlor	<0.495	1	U	ug/L	0	GE
		Methyl ethyl ketone	<5	1	U	ug/L	0	GE
		Methyl isobutyl ketone	<10	1	U	ug/L	0	GE
		Methyl methacrylate	<10	1	U	ug/L	0	GE
		Nonvolatile beta	<1.06	1	UI	pCi/L	0	GP
		Propionitrile	<20	1	U	ug/L	0	GE
		Radium-228	<0.368	1	UI	pCi/L	0	GP
		Selenium, total recoverable	<5	1	U	ug/L	0	GE
		Silver, total recoverable	<2	1	U	ug/L	0	GE
		Styrene	<2	1	U	ug/L	0	GE
		Tetrachloroethylene	2.3	1		ug/L	0	GE
		Toluene	<2	1	U	ug/L	0	GE
		Toxaphene	<0.99	1	U	ug/L	0	GE
+		Trichloroethylene	9.2	1		ug/L	2	GE
		Trichlorofluoromethane	19.9	1		ug/L	2	GE
		Tritium	<4.3	1	UI	pCi/mL	0	GP
		Vinyl acetate	<10	1	U	ug/L	1	GE
		Xylenes	<2	1	U	ug/L	0	GE
		cis-1,3-Dichloropropene	<2	1	U	ug/L	0	GE
		trans-1,2-Dichloroethylene	<2	1	U	ug/L	0	GE
		trans-1,3-Dichloropropene	<2	1	U	ug/L	0	GE
		trans-1,4-Dichloro-2-butene	<2	1	U	ug/L	0	GE

Number of Records: 77

* = exceeded holding time. +=exceeded screening level or final primary drinking water standard.

WELL: LFW66D

<u>SRS Coord.</u>	<u>Lat/Longitude</u>	<u>Screen Zone Elevation</u>	<u>Top of Casing</u>	<u>Casing</u>	<u>Pump</u>	<u>Formation</u>
N 82835.1	33.284311 Deg N	141.8-121.8 ft msl	161.7 ft msl	2" PVC	V	U. Steed Pond
E 46173.7	-81.706121 Deg W					

FIELD MEASUREMENTS

Sample Date: 12/19/96	Time: 8:41 AM
Water Depth: 21.2 ft	pH: 4.6
Water Elevation: 138.4 ft msl	Alkalinity: 0 mg/L
Sp. Conductance: 23 µS/cm	Water Temperature: 24 deg. C
Turbidity: 0.5 NTU	
Water Evacuated Before Sampling: 14 gal	Volumes Purged: 4.565 well volumes

LABORATORY ANALYSES

H	ST	Analyte	Result	DF	Mod	Unit	Flag	Lab
		1,1,1,2-Tetrachloroethane	<2	1	U	ug/L	0	GE
		1,1,1-Trichloroethane	<2	1	U	ug/L	0	GE
		1,1,2,2-Tetrachloroethane	<2	1	U	ug/L	0	GE
		1,1,2-Trichloroethane	<2	1	U	ug/L	0	GE
		1,1-Dichloroethane	<2	1	U	ug/L	0	GE
		1,1-Dichloroethylene	<2	1	U	ug/L	0	GE
		1,2,3-Trichloropropane	<2	1	U	ug/L	0	GE
+		1,2-Dibromoethane	<2	1	U	ug/L	2	GE
		1,2-Dichlorobenzene	<2	1	U	ug/L	0	GE
		1,2-Dichloroethane	<2	1	U	ug/L	0	GE
		1,2-Dichloropropane	<2	1	U	ug/L	0	GE
		1,3-Dichlorobenzene	<2	1	U	ug/L	0	GE
		1,4-Dichlorobenzene	<2	1	U	ug/L	0	GE
		2-Chloroethyl vinyl ether	<10	1	U	ug/L	1	GE
		2-Hexanone	<10	1	U	ug/L	0	GE
		Acetone	<10	1	U	ug/L	0	GE
		Acetonitrile (Methyl cyanide)	<10	1	U	ug/L	0	GE
		Acrolein	<20	1	U	ug/L	0	GE
		Acrylonitrile	<50	1	U	ug/L	0	GE
		Allyl chloride	<10	1	U	ug/L	0	GE
		Arsenic, total recoverable	<5	1	U	ug/L	0	GE
		Barium, total recoverable	4.01	1		ug/L	0	GE
		Benzene	<2	1	U	ug/L	0	GE
		Bromodichloromethane	<2	1	U	ug/L	0	GE
		Bromoform	<2	1	U	ug/L	0	GE
		Bromomethane (Methyl bromide)	<2	1	U	ug/L	0	GE
		Cadmium, total recoverable	<2	1	U	ug/L	0	GE
		Carbon disulfide	<5	1	U	ug/L	0	GE
		Carbon tetrachloride	<2	1	U	ug/L	0	GE
		Chlorobenzene	<2	1	U	ug/L	0	GE
		Chloroethane	<2	1	U	ug/L	0	GE
		Chloroethene (Vinyl chloride)	<2	1	U	ug/L	1	GE
		Chloroform	<2	1	U	ug/L	0	GE
		Chloromethane (Methyl chloride)	<2	1	U	ug/L	0	GE
		Chloroprene	<2	1	U	ug/L	0	GE
		Chromium, total recoverable	<1.67	1	U	ug/L	0	GE
		Dibromochloromethane	<2	1	U	ug/L	0	GE
		Dibromomethane (Methylene bromide)	<2	1	U	ug/L	0	GE
		Dichlorodifluoromethane	<2	1	U	ug/L	0	GE
+		Dichloromethane (Methylene chloride)	<10	1	U	ug/L	2	GE
		Ethylbenzene	<2	1	U	ug/L	0	GE
		Gross alpha	1.37	1		pCi/L	0	GP
		Gross alpha	1.67	1		pCi/L	0	GP
		Iodomethane (Methyl iodide)	<10	1	U	ug/L	0	GE

* = exceeded holding time. +=exceeded screening level or final primary drinking water standard.

WELL: LFW66D (cont'd)

LABORATORY ANALYSES (cont'd)

H	ST	Analyte	Result	DF	Mod	Unit	Flag	Lab
		Isobutyl alcohol	<20	1	U	ug/L	0	GE
		Lead, total recoverable	<5	1	U	ug/L	0	GE
		Mercury, total recoverable	<0.085	1	U	ug/L	0	GE
		Methacrylonitrile	<10	1	U	ug/L	0	GE
		Methyl ethyl ketone	<5	1	U	ug/L	0	GE
		Methyl isobutyl ketone	<10	1	U	ug/L	0	GE
		Methyl methacrylate	<10	1	U	ug/L	0	GE
		Propionitrile	<20	1	U	ug/L	0	GE
		Selenium, total recoverable	<5	1	U	ug/L	0	GE
		Silver, total recoverable	<2	1	U	ug/L	0	GE
		Styrene	<2	1	U	ug/L	0	GE
		Tetrachloroethylene	<2	1	U	ug/L	0	GE
		Toluene	<2	1	U	ug/L	0	GE
		Trichloroethylene	<2	1	U	ug/L	0	GE
		Trichlorofluoromethane	<2	1	U	ug/L	0	GE
		Tritium	<0.164	1	UI	pCi/mL	0	GP
		Vinyl acetate	<10	1	U	ug/L	1	GE
		Xylenes	<2	1	U	ug/L	0	GE
		cis-1,3-Dichloropropene	<2	1	U	ug/L	0	GE
		trans-1,2-Dichloroethylene	<2	1	U	ug/L	0	GE
		trans-1,3-Dichloropropene	<2	1	U	ug/L	0	GE
		trans-1,4-Dichloro-2-butene	<2	1	U	ug/L	0	GE

Number of Records: 70

* = exceeded holding time. +=exceeded screening level or final primary drinking water standard.

WELL: LFW67B

<u>SRS Coord.</u>	<u>Lat/Longitude</u>	<u>Screen Zone Elevation</u>	<u>Top of Casing</u>	<u>Casing</u>	<u>Pump</u>	<u>Formation</u>
N 82847.1	33.284898 Deg N	65.6- 55.6 ft msl	157.7 ft msl	2" PVC	V	L. Steed Pond
E 46517.1	-81.705241 Deg W					

FIELD MEASUREMENTS

Sample Date: 12/06/96	Time: 1:20 PM
Water Depth: 19.27 ft	pH: 3.4
Water Elevation: 136.13 ft msl	Alkalinity: 0 mg/L
Sp. Conductance: 56 µS/cm	Water Temperature: 25 deg. C
Turbidity: 1.1 NTU	
Water Evacuated Before Sampling: 35 gal	Volumes Purged: 2.577 well volumes

LABORATORY ANALYSES

H	ST	Analyte	Result	DF	Mod	Unit	Flag	Lab
		1,1,1,2-Tetrachloroethane	<2	1	U	ug/L	0	GE
		1,1,1-Trichloroethane	<2	1	U	ug/L	0	GE
		1,1,2,2-Tetrachloroethane	<2	1	U	ug/L	0	GE
		1,1,2-Trichloroethane	<2	1	U	ug/L	0	GE
		1,1-Dichloroethane	<2	1	U	ug/L	0	GE
		1,1-Dichloroethylene	<2	1	U	ug/L	0	GE
		1,2,3-Trichloropropane	<2	1	U	ug/L	0	GE
+		1,2-Dibromoethane	<2	1	U	ug/L	2	GE
		1,2-Dichlorobenzene	<2	1	U	ug/L	0	GE
		1,2-Dichloroethane	<2	1	U	ug/L	0	GE
		1,2-Dichloropropane	<2	1	U	ug/L	0	GE
		1,3-Dichlorobenzene	<2	1	U	ug/L	0	GE
		1,4-Dichlorobenzene	<2	1	U	ug/L	0	GE
		2,4,5-TP (Silvex)	<0.025	1	UJ	ug/L	0	GE
		2,4-Dichlorophenoxyacetic acid	<0.05	1	UJ	ug/L	0	GE
		2-Chloroethyl vinyl ether	<10	1	U	ug/L	1	GE
		2-Hexanone	<10	1	U	ug/L	0	GE
		Acetone	<10	1	U	ug/L	0	GE
		Acetonitrile (Methyl cyanide)	<10	1	U	ug/L	0	GE
		Acrolein	<20	1	U	ug/L	0	GE
		Acrylonitrile	<50	1	U	ug/L	0	GE
		Allyl chloride	<10	1	U	ug/L	0	GE
		Arsenic, total recoverable	<5	1	U	ug/L	0	GE
		Barium, total recoverable	5.92	1		ug/L	0	GE
		Benzene	<2	1	U	ug/L	0	GE
		Bromodichloromethane	<2	1	U	ug/L	0	GE
		Bromoform	<2	1	U	ug/L	0	GE
		Bromomethane (Methyl bromide)	<2	1	U	ug/L	0	GE
		Cadmium, total recoverable	0.151	1	J	ug/L	0	GE
		Carbon disulfide	<5	1	U	ug/L	0	GE
		Carbon tetrachloride	<2	1	U	ug/L	0	GE
		Chlorobenzene	<2	1	U	ug/L	0	GE
		Chloroethane	<2	1	U	ug/L	0	GE
		Chloroethene (Vinyl chloride)	<2	1	U	ug/L	1	GE
		Chloroform	<2	1	U	ug/L	0	GE
		Chloromethane (Methyl chloride)	<2	1	U	ug/L	0	GE
		Chloroprene	<2	1	U	ug/L	0	GE
		"Chromium, total recoverable"	9.81	1		ug/L	0	GE
		Dibromochloromethane	<2	1	U	ug/L	0	GE
		Dibromomethane (Methylene bromide)	<2	1	U	ug/L	0	GE
		Dichlorodifluoromethane	<2	1	U	ug/L	0	GE
+		Dichloromethane (Methylene chloride)	<10	1	U	ug/L	2	GE
		Endrin	<0.05	1	U	ug/L	0	GE
		Ethylbenzene	<2	1	U	ug/L	0	GE

* = exceeded holding time. +=exceeded screening level or final primary drinking water standard.

WELL: LFW67B (cont'd)

LABORATORY ANALYSES (cont'd)

H	ST	Analyte	Result	DF	Mod	Unit	Flag	Lab
		Gross alpha	12.2	1		pCi/L	1	GP
		Iodomethane (Methyl iodide)	<10	1	U	ug/L	0	GE
		Isobutyl alcohol	<20	1	U	ug/L	0	GE
		Lead, total recoverable	4.54	1	J	ug/L	0	GE
		Lindane	<0.025	1	UJ	ug/L	0	GE
		Mercury, total recoverable	<0.2	1	U	ug/L	0	GE
		Methacrylonitrile	<10	1	U	ug/L	0	GE
		Methoxychlor	<0.5	1	U	ug/L	0	GE
		Methyl ethyl ketone	<5	1	U	ug/L	0	GE
		Methyl isobutyl ketone	<10	1	U	ug/L	0	GE
		Methyl methacrylate	<10	1	U	ug/L	0	GE
		Nonvolatile beta	6.27	1		pCi/L	0	GP
		Propionitrile	<20	1	U	ug/L	0	GE
		Selenium, total recoverable	<5	1	U	ug/L	0	GE
		Silver, total recoverable	<2	1	U	ug/L	0	GE
		Styrene	<2	1	U	ug/L	0	GE
		Tetrachloroethylene	<2	1	U	ug/L	0	GE
		Toluene	<2	1	U	ug/L	0	GE
		Toxaphene	<1	1	U	ug/L	0	GE
		Trichloroethylene	<2	1	U	ug/L	0	GE
		Trichlorofluoromethane	<2	1	U	ug/L	0	GE
		Tritium	<-1.42	1	UI	pCi/mL	0	GP
		Vinyl acetate	<10	1	U	ug/L	1	GE
		Xylenes	<2	1	U	ug/L	0	GE
		cis-1,3-Dichloropropene	<2	1	U	ug/L	0	GE
		trans-1,2-Dichloroethylene	<2	1	U	ug/L	0	GE
		trans-1,3-Dichloropropene	<2	1	U	ug/L	0	GE
		trans-1,4-Dichloro-2-butene	<2	1	U	ug/L	0	GE

Number of Records: 76

* = exceeded holding time. +=exceeded screening level or final primary drinking water standard.

WELL: LFW67C

<u>SRS Coord.</u>	<u>Lat/Longitude</u>	<u>Screen Zone Elevation</u>	<u>Top of Casing</u>	<u>Casing</u>	<u>Pump</u>	<u>Formation</u>
N 82847.1	33.284898 Deg N	65.6- 55.6 ft msl	157.7 ft msl	2" PVC	V	L. Steed Pond
E 46517.1	-81.705241 Deg W					

FIELD MEASUREMENTS

Sample Date: 12/02/96	Time: 2:24 PM
Water Depth: 19.1 ft	pH: 6.2
Water Elevation: 135.8 ft msl	Alkalinity: 335 mg/L
Sp. Conductance: 780 µS/cm	Water Temperature: 23 deg. C
Turbidity: 0.7 NTU	
Water Evacuated Before Sampling: 19 gal	Volumes Purged: 2.232 well volumes

LABORATORY ANALYSES

H	ST	Analyte	Result	DF	Mod	Unit	Flag	Lab
		1,1,1,2-Tetrachloroethane	<2	1	U	ug/L	0	GE
		1,1,1-Trichloroethane	<2	1	U	ug/L	0	GE
		1,1,2,2-Tetrachloroethane	<2	1	U	ug/L	0	GE
		1,1,2-Trichloroethane	<2	1	U	ug/L	0	GE
+		1,1-Dichloroethane	137	5		ug/L	2	GE
		1,1-Dichloroethylene	3.8	1		ug/L	1	GE
		1,2,3-Trichloropropane	<2	1	U	ug/L	0	GE
+		1,2-Dibromoethane	<2	1	U	ug/L	2	GE
		1,2-Dichlorobenzene	<2	1	U	ug/L	0	GE
		1,2-Dichloroethane	2	1	J	ug/L	0	GE
		1,2-Dichloropropane	3.1	1		ug/L	1	GE
		1,3-Dichlorobenzene	<2	1	U	ug/L	0	GE
		1,4-Dichlorobenzene	35.8	1		ug/L	0	GE
		2,4,5-TP (Silvex)	0.191	1	J	ug/L	0	GE
		2,4-Dichlorophenoxyacetic acid	<0.05	1	UJ	ug/L	0	GE
		2-Chloroethyl vinyl ether	<10	1	U	ug/L	1	GE
		2-Hexanone	<10	1	U	ug/L	0	GE
		Acetone	515	5		ug/L	1	GE
		Acetonitrile (Methyl cyanide)	<10	1	U	ug/L	0	GE
		Acrolein	<20	1	U	ug/L	0	GE
		Allyl chloride	<10	1	U	ug/L	0	GE
		Arsenic, total recoverable	40.5	1		ug/L	1	GE
		Barium, total recoverable	15.7	1		ug/L	0	GE
+		Benzene	8.2	1		ug/L	2	GE
		Bromodichloromethane	<2	1	U	ug/L	0	GE
		Bromoform	<2	1	U	ug/L	0	GE
		Bromomethane (Methyl bromide)	<2	1	U	ug/L	0	GE
		Cadmium, total recoverable	1.85	1	J	ug/L	0	GE
		Carbon disulfide	<5	1	U	ug/L	0	GE
		Carbon tetrachloride	<2	1	U	ug/L	0	GE
		Chloroethane	<2	1	U	ug/L	0	GE
		Chloroethene (Vinyl chloride)	<2	1	U	ug/L	1	GE
		Chloroform	<2	1	U	ug/L	0	GE
		Chloromethane (Methyl chloride)	<2	1	U	ug/L	0	GE
		Chloroprene	<2	1	U	ug/L	0	GE
		Chromium, total recoverable	0.611	1	J	ug/L	0	GE
		Dibromochloromethane	<2	1	U	ug/L	0	GE
		Dibromomethane (Methylene bromide)	<2	1	U	ug/L	0	GE
		Dichlorodifluoromethane	23.7	1		ug/L	2	GE
+		Dichloromethane (Methylene chloride)	<6.5	1	U	ug/L	2	GE
		Endrin	<0.05	1	U	ug/L	0	GE
		Ethylbenzene	37.6	1		ug/L	0	GE
		Gross alpha	7.07	1		pCi/L	0	GP
		Iodomethane (Methyl iodide)	<10	1	U	ug/L	0	GE

* = exceeded holding time. +=exceeded screening level or final primary drinking water standard.

WELL: LFW67C (cont'd)

LABORATORY ANALYSES (cont'd)

H	ST	Analyte	Result	DF	Mod	Unit	Flag	Lab
		Isobutyl alcohol	<20	1	U	ug/L	0	GE
		Lead, total recoverable	45.2	1	J	ug/L	1	GE
		Lindane	<0.025	1	UJ	ug/L	0	GE
		Mercury, total recoverable	<0.2	1	U	ug/L	0	GE
		Methacrylonitrile	<10	1	U	ug/L	0	GE
		Methoxychlor	<0.5	1	U	ug/L	0	GE
		Methyl ethyl ketone	455	5		ug/L	0	GE
		Methyl isobutyl ketone	159	1		ug/L	0	GE
		Methyl methacrylate	<10	1	U	ug/L	0	GE
		Nitrate-nitrite as nitrogen	310	1		ug/L	0	GE
		Nonvolatile beta	<2.8	1	UI	pCi/L	0	GP
		Propionitrile	<20	1	U	ug/L	0	GE
		Radium-226	3.21	1	J	pCi/L	0	GP
		Radium-228	0.945	1		pCi/L	0	GP
		Selenium, total recoverable	<5	1	U	ug/L	0	GE
		Silver, total recoverable	<2	1	U	ug/L	0	GE
		Styrene	1.6	1	J	ug/L	0	GE
+		Tetrachloroethylene	11.9	1		ug/L	2	GE
		Toluene	67.7	1		ug/L	0	GE
		Total organic carbon	25200	1		ug/L	2	GE
		Toxaphene	<1	1	U	ug/L	0	GE
+		Trichloroethylene	16.6	1		ug/L	2	GE
		Trichlorofluoromethane	<2	1	U	ug/L	0	GE
		Tritium	6.64	1		pCi/mL	0	GP
		Vinyl acetate	<10	1	U	ug/L	1	GE
		Xylenes	126	1		ug/L	0	GE
		cis-1,3-Dichloropropene	<2	1	U	ug/L	0	GE
		trans-1,2-Dichloroethylene	1.1	1	J	ug/L	0	GE
		trans-1,3-Dichloropropene	<2	1	U	ug/L	0	GE
		trans-1,4-Dichloro-2-butene	<2	1	U	ug/L	0	GE

Number of Records: 78

* = exceeded holding time. +=exceeded screening level or final primary drinking water standard.

WELL: LFW67D

<u>SRS Coord.</u>	<u>Lat/Longitude</u>	<u>Screen Zone Elevation</u>	<u>Top of Casing</u>	<u>Casing</u>	<u>Pump</u>	<u>Formation</u>
N 82855	33.284936 Deg N	140.6-120.6 ft msl	157.7 ft msl	2" PVC	V	U. Steed Pond
E 46529.9	-81.705222 Deg W					

FIELD MEASUREMENTS

Sample Date: 12/02/96	Time: 2:01 PM
Water Depth: 17.68 ft	pH: 4.4
Water Elevation: 137.72 ft msl	Alkalinity: 0 mg/L
Sp. Conductance: 30 µS/cm	Water Temperature: 24 deg. C
Turbidity: 1.1 NTU	
Water Evacuated Before Sampling: 10 gal	Volumes Purged: 3.140 well volumes

LABORATORY ANALYSES

H	ST	Analyte	Result	DF	Mod	Unit	Flag	Lab
		1,1,1,2-Tetrachloroethane	<2	1	U	ug/L	0	GE
		1,1,1-Trichloroethane	2.4	1		ug/L	0	GE
		1,1,2,2-Tetrachloroethane	<2	1	U	ug/L	0	GE
		1,1,2-Trichloroethane	<2	1	U	ug/L	0	GE
		1,1-Dichloroethane	8	1		ug/L	1	GE
		1,1-Dichloroethylene	<2	1	U	ug/L	0	GE
		1,2,3-Trichloropropane	<2	1	U	ug/L	0	GE
		1,2-Dichlorobenzene	<2	1	U	ug/L	0	GE
		1,2-Dichloroethane	<2	1	U	ug/L	0	GE
		1,2-Dichloropropane	<2	1	U	ug/L	0	GE
		1,3-Dichlorobenzene	<2	1	U	ug/L	0	GE
		1,4-Dichlorobenzene	<2	1	U	ug/L	0	GE
		2,4,5-TP (Silvex)	<0.025	1	UJ	ug/L	0	GE
		2,4-Dichlorophenoxyacetic acid	<0.05	1	UJ	ug/L	0	GE
		2-Chloroethyl vinyl ether	<10	1	U	ug/L	1	GE
		2-Hexanone	<10	1	U	ug/L	0	GE
		Acetone	<10	1	U	ug/L	0	GE
		Acetonitrile (Methyl cyanide)	<10	1	U	ug/L	0	GE
		Acrolein	<20	1	U	ug/L	0	GE
		Acrylonitrile	<50	1	U	ug/L	0	GE
		Allyl chloride	<10	1	U	ug/L	0	GE
		Arsenic, total recoverable	<5	1	U	ug/L	0	GE
		Barium, total recoverable	4	1		ug/L	0	GE
		Benzene	<2	1	U	ug/L	0	GE
		Bromodichloromethane	<2	1	U	ug/L	0	GE
		Bromoform	<2	1	U	ug/L	0	GE
		Bromomethane (Methyl bromide)	<2	1	U	ug/L	0	GE
		Cadmium, total recoverable	<0.154	1	U	ug/L	0	GE
		Carbon disulfide	<5	1	U	ug/L	0	GE
		Carbon tetrachloride	<2	1	U	ug/L	0	GE
		Chlorobenzene	<2	1	U	ug/L	0	GE
		Chloroethane	<2	1	U	ug/L	0	GE
		Chloroethene (Vinyl chloride)	<2	1	U	ug/L	1	GE
		Chloroform	<2	1	U	ug/L	0	GE
		Chloromethane (Methyl chloride)	<2	1	U	ug/L	0	GE
		Chloroprene	<2	1	U	ug/L	0	GE
		Chromium, total recoverable	<4	1	U	ug/L	0	GE
		Dibromochloromethane	<2	1	U	ug/L	0	GE
		Dibromomethane (Methylene bromide)	<2	1	U	ug/L	0	GE
		Dichlorodifluoromethane	5.5	1		ug/L	1	GE
		Endrin	<0.05	1	U	ug/L	0	GE
		Ethylbenzene	<2	1	U	ug/L	0	GE
		Gross alpha	1.76	1		pCi/L	0	GP
		Iodomethane (Methyl iodide)	<10	1	U	ug/L	0	GE

* = exceeded holding time. +=exceeded screening level or final primary drinking water standard.

WELL: LFW67D (cont'd)

LABORATORY ANALYSES (cont'd)

H	ST	Analyte	Result	DF	Mod	Unit	Flag	Lab
		Isobutyl alcohol	<20	1	U	ug/L	0	GE
		Lead, total recoverable	2.24	1	J	ug/L	0	GE
		Lindane	<0.025	1	UJ	ug/L	0	GE
		Mercury, total recoverable	<0.2	1	U	ug/L	0	GE
		Methacrylonitrile	<10	1	U	ug/L	0	GE
		Methoxychlor	<0.5	1	U	ug/L	0	GE
		Methyl ethyl ketone	<5	1	U	ug/L	0	GE
		Methyl isobutyl ketone	<10	1	U	ug/L	0	GE
		Methyl methacrylate	<10	1	U	ug/L	0	GE
		Nitrate-nitrite as nitrogen	530	1		ug/L	0	GE
		Nonvolatile beta	<1.39	1	UI	pCi/L	0	GP
		Propionitrile	<20	1	U	ug/L	0	GE
		Radium-226	1.5	1	J	pCi/L	0	GP
		Radium-228	3.41	1		pCi/L	0	GP
		Selenium, total recoverable	1.81	1	J	ug/L	0	GE
		Silver, total recoverable	<2	1	U	ug/L	0	GE
		Styrene	<2	1	U	ug/L	0	GE
		Tetrachloroethylene	1.1	1	J	ug/L	0	GE
		Toluene	<2	1	U	ug/L	0	GE
		Total organic carbon	<835	1	U	ug/L	0	GE
		Toxaphene	<1	1	U	ug/L	0	GE
		Trichloroethylene	2.8	1		ug/L	1	GE
		Trichlorofluoromethane	15.3	1		ug/L	2	GE
		Tritium	<-2.83	1	UI	pCi/mL	0	GP
		Vinyl acetate	<10	1	U	ug/L	1	GE
		Xylenes	1.2	1	J	ug/L	0	GE
		trans-1,2-Dichloroethylene	<2	1	U	ug/L	0	GE
		trans-1,3-Dichloropropene	<2	1	U	ug/L	0	GE
		trans-1,4-Dichloro-2-butene	<2	1	U	ug/L	0	GE

Number of Records: 77

* = exceeded holding time. +=exceeded screening level or final primary drinking water standard.

WELL: LFW68D

<u>SRS Coord.</u>	<u>Lat/Longitude</u>	<u>Screen Zone Elevation</u>	<u>Top of Casing</u>	<u>Casing</u>	<u>Pump</u>	<u>Formation</u>
N 83031.6	33.285879 Deg N	144.6-124.6 ft msl	161.4 ft msl	2" PVC	V	U. Steed Pond
E 46868	-81.704676 Deg W					

FIELD MEASUREMENTS

Sample Date: 12/09/96	Time: 12:56 PM
Water Depth: 20.65 ft	pH: 4
Water Elevation: 138.75 ft msl	Alkalinity: 0 mg/L
Sp. Conductance: 22 µS/cm	Water Temperature: 25 deg. C
Turbidity: 1.2 NTU	
Water Evacuated Before Sampling: 42 gal	Volumes Purged: 15.857 well volumes

LABORATORY ANALYSES

H	ST	Analyte	Result	DF	Mod	Unit	Flag	Lab
		1,1,1,2-Tetrachloroethane	<2	1	U	ug/L	0	GE
		1,1,1-Trichloroethane	<2	1	U	ug/L	0	GE
		1,1,2,2-Tetrachloroethane	<2	1	U	ug/L	0	GE
		1,1,2-Trichloroethane	<2	1	U	ug/L	0	GE
		1,1-Dichloroethane	<2	1	U	ug/L	0	GE
		1,1-Dichloroethylene	<2	1	U	ug/L	0	GE
		1,2,3-Trichloropropane	<2	1	U	ug/L	0	GE
+		1,2-Dibromoethane	<2	1	U	ug/L	2	GE
		1,2-Dichlorobenzene	<2	1	U	ug/L	0	GE
		1,2-Dichloroethane	<2	1	U	ug/L	0	GE
		1,2-Dichloropropane	<2	1	U	ug/L	0	GE
		1,3-Dichlorobenzene	<2	1	U	ug/L	0	GE
		1,4-Dichlorobenzene	<2	1	U	ug/L	0	GE
		2,4,5-TP (Silvex)	<0.025	1	U	ug/L	0	GE
		2,4-Dichlorophenoxyacetic acid	<0.05	1	UJ	ug/L	0	GE
		2-Chloroethyl vinyl ether	<10	1	U	ug/L	1	GE
		2-Hexanone	<10	1	U	ug/L	0	GE
		Acetone	<6.7	1	U	ug/L	0	GE
		Acetonitrile (Methyl cyanide)	<10	1	U	ug/L	0	GE
		Acrolein	<20	1	U	ug/L	0	GE
		Acrylonitrile	<50	1	U	ug/L	0	GE
		Allyl chloride	<10	1	U	ug/L	0	GE
		Arsenic, total recoverable	<5	1	U	ug/L	0	GE
		Barium, total recoverable	4.36	1		ug/L	0	GE
		Benzene	<2	1	U	ug/L	0	GE
		Bromodichloromethane	<2	1	U	ug/L	0	GE
		Bromoform	<2	1	U	ug/L	0	GE
		Bromomethane (Methyl bromide)	<2	1	U	ug/L	0	GE
		Cadmium, total recoverable	0.829	1	J	ug/L	0	GE
		Carbon disulfide	<5	1	U	ug/L	0	GE
		Carbon tetrachloride	<2	1	U	ug/L	0	GE
		Chlorobenzene	<2	1	U	ug/L	0	GE
		Chloroethane	<2	1	U	ug/L	0	GE
		Chloroethene (Vinyl chloride)	<2	1	U	ug/L	1	GE
		Chloroform	<2	1	U	ug/L	0	GE
		Chloromethane (Methyl chloride)	<2	1	U	ug/L	0	GE
		Chloroprene	<2	1	U	ug/L	0	GE
		Chromium, total recoverable	10.4	1		ug/L	0	GE
		Dibromochloromethane	<2	1	U	ug/L	0	GE
		Dibromomethane (Methylene bromide)	<2	1	U	ug/L	0	GE
		Dichlorodifluoromethane	<2	1	U	ug/L	0	GE
+		Dichloromethane (Methylene chloride)	<10	1	U	ug/L	2	GE
		Endrin	<0.05	1	U	ug/L	0	GE
		Ethylbenzene	<2	1	U	ug/L	0	GE

* = exceeded holding time. +=exceeded screening level or final primary drinking water standard.

WELL: LFW68D (cont'd)

LABORATORY ANALYSES (cont'd)

H	ST	Analyte	Result	DF	Mod	Unit	Flag	Lab
		Gross alpha	0.753	1		pCi/L	0	GP
		Iodomethane (Methyl iodide)	<10	1	U	ug/L	0	GE
		Isobutyl alcohol	<20	1	U	ug/L	0	GE
		Lead, total recoverable	<5	1	U	ug/L	0	GE
		Lindane	<0.025	1	UJ	ug/L	0	GE
+		Mercury, total recoverable	2.24	1		ug/L	2	GE
		Methacrylonitrile	<10	1	U	ug/L	0	GE
		Methoxychlor	<0.5	1	U	ug/L	0	GE
		Methyl ethyl ketone	<5	1	U	ug/L	0	GE
		Methyl isobutyl ketone	<10	1	U	ug/L	0	GE
		Methyl methacrylate	<10	1	U	ug/L	0	GE
		Nonvolatile beta	1.31	1		pCi/L	0	GP
		Propionitrile	<20	1	U	ug/L	0	GE
		Selenium, total recoverable	<5	1	U	ug/L	0	GE
		Silver, total recoverable	<2	1	U	ug/L	0	GE
		Styrene	<2	1	U	ug/L	0	GE
		Tetrachloroethylene	<2	1	U	ug/L	0	GE
		Toluene	<2	1	U	ug/L	0	GE
		Toxaphene	<1	1	U	ug/L	0	GE
		Trichloroethylene	<2	1	U	ug/L	0	GE
		Trichlorofluoromethane	<2	1	U	ug/L	0	GE
		Tritium	<-0.385	1	UI	pCi/mL	0	GP
		Vinyl acetate	<10	1	U	ug/L	1	GE
		Xylenes	<2	1	U	ug/L	0	GE
		cis-1,3-Dichloropropene	<2	1	U	ug/L	0	GE
		trans-1,2-Dichloroethylene	<2	1	U	ug/L	0	GE
		trans-1,3-Dichloropropene	<2	1	U	ug/L	0	GE
		trans-1,4-Dichloro-2-butene	<2	1	U	ug/L	0	GE

Number of Records: 76

* = exceeded holding time. +=exceeded screening level or final primary drinking water standard.

WELL: LFW69C

<u>SRS Coord.</u>	<u>Lat/Longitude</u>	<u>Screen Zone Elevation</u>	<u>Top of Casing</u>	<u>Casing</u>	<u>Pump</u>	<u>Formation</u>
N 82458.6	33.28237 Deg N	89.1- 79.1 ft msl	146 ft msl	2" PVC	V	M. Steed Pond
E 45494.5	-81.707178 Deg W					

FIELD MEASUREMENTS

Sample Date: 12/09/96	Time: 8:33 AM
Water Depth: 8.71 ft	pH: 4
Water Elevation: 135.39 ft msl	Alkalinity: 0 mg/L
Sp. Conductance: 54 µS/cm	Water Temperature: 22 deg. C
Turbidity: 0.7 NTU	
Water Evacuated Before Sampling: 30 gal	Volumes Purged: 3.144 well volumes

LABORATORY ANALYSES

H	ST	Analyte	Result	DF	Mod	Unit	Flag	Lab
		1,1,1,2-Tetrachloroethane	<2	1	U	ug/L	0	GE
		1,1,1-Trichloroethane	<2	1	U	ug/L	0	GE
		1,1,2,2-Tetrachloroethane	<2	1	U	ug/L	0	GE
		1,1,2-Trichloroethane	<2	1	U	ug/L	0	GE
		1,1-Dichloroethane	<2	1	U	ug/L	0	GE
		1,1-Dichloroethylene	<2	1	U	ug/L	0	GE
		1,2,3-Trichloropropane	<2	1	U	ug/L	0	GE
+		1,2-Dibromoethane	<2	1	U	ug/L	2	GE
		1,2-Dichlorobenzene	<2	1	U	ug/L	0	GE
		1,2-Dichloroethane	<2	1	U	ug/L	0	GE
		1,2-Dichloropropane	<2	1	U	ug/L	0	GE
		1,3-Dichlorobenzene	<2	1	U	ug/L	0	GE
		1,4-Dichlorobenzene	<2	1	U	ug/L	0	GE
		2,4,5-TP (Silvex)	<0.0253	1	U	ug/L	0	GE
		2,4-Dichlorophenoxyacetic acid	<0.0505	1	UJ	ug/L	0	GE
		2-Chloroethyl vinyl ether	<10	1	U	ug/L	1	GE
		2-Hexanone	<10	1	U	ug/L	0	GE
		Acetone	<10	1	U	ug/L	0	GE
		Acetonitrile (Methyl cyanide)	<10	1	U	ug/L	0	GE
		Acrolein	<20	1	U	ug/L	0	GE
		Acrylonitrile	<50	1	U	ug/L	0	GE
		Allyl chloride	<10	1	U	ug/L	0	GE
		Arsenic, total recoverable	1.95	1	J	ug/L	0	GE
		Barium, total recoverable	6.53	1		ug/L	0	GE
		Benzene	<2	1	U	ug/L	0	GE
		Bromodichloromethane	<2	1	U	ug/L	0	GE
		Bromoform	<2	1	U	ug/L	0	GE
		Bromomethane (Methyl bromide)	<2	1	U	ug/L	0	GE
		Cadmium, total recoverable	0.484	1	J	ug/L	0	GE
		Carbon disulfide	<5	1	U	ug/L	0	GE
		Carbon tetrachloride	<2	1	U	ug/L	0	GE
		Chlorobenzene	<2	1	U	ug/L	0	GE
		Chloroethane	<2	1	U	ug/L	0	GE
		Chloroethene (Vinyl chloride)	<2	1	U	ug/L	1	GE
		Chloroform	<2	1	U	ug/L	0	GE
		Chloromethane (Methyl chloride)	<2	1	U	ug/L	0	GE
		Chloroprene	<2	1	U	ug/L	0	GE
		Chromium, total recoverable	9.59	1		ug/L	0	GE
		Dibromochloromethane	<2	1	U	ug/L	0	GE
		Dibromomethane (Methylene bromide)	<2	1	U	ug/L	0	GE
		Dichlorodifluoromethane	<2	1	U	ug/L	0	GE
		Dichloromethane (Methylene chloride)	<1.1	1	U	ug/L	0	GE
		Endrin	<0.05	1	U	ug/L	0	GE
		Ethylbenzene	<2	1	U	ug/L	0	GE

* = exceeded holding time. +=exceeded screening level or final primary drinking water standard.

WELL: LFW69C (cont'd)

LABORATORY ANALYSES (cont'd)

H	ST	Analyte	Result	DF	Mod	Unit	Flag	Lab
		Gross alpha	10.1	1		pCi/L	1	GP
		Iodomethane (Methyl iodide)	<10	1	U	ug/L	0	GE
		Isobutyl alcohol	<20	1	U	ug/L	0	GE
		Lead, total recoverable	<5	1	U	ug/L	0	GE
		Lindane	<0.025	1	UJ	ug/L	0	GE
		Mercury, total recoverable	0.114	1	J	ug/L	0	GE
		Methacrylonitrile	<10	1	U	ug/L	0	GE
		Methoxychlor	<0.5	1	U	ug/L	0	GE
		Methyl ethyl ketone	<5	1	U	ug/L	0	GE
		Methyl isobutyl ketone	<10	1	U	ug/L	0	GE
		Methyl methacrylate	<10	1	U	ug/L	0	GE
		Nonvolatile beta	11	1		pCi/L	0	GP
		Propionitrile	<20	1	U	ug/L	0	GE
		Selenium, total recoverable	<5	1	U	ug/L	0	GE
		Silver, total recoverable	<2	1	U	ug/L	0	GE
		Styrene	<2	1	U	ug/L	0	GE
		Tetrachloroethylene	<2	1	U	ug/L	0	GE
		Toluene	<2	1	U	ug/L	0	GE
		Toxaphene	<1	1	U	ug/L	0	GE
		Trichloroethylene	<2	1	U	ug/L	0	GE
		Trichlorofluoromethane	<2	1	U	ug/L	0	GE
		Tritium	<-1.93	1	UI	pCi/mL	0	GP
		Vinyl acetate	<10	1	U	ug/L	1	GE
		Xylenes	<2	1	U	ug/L	0	GE
		cis-1,3-Dichloropropene	<2	1	U	ug/L	0	GE
		trans-1,2-Dichloroethylene	<2	1	U	ug/L	0	GE
		trans-1,3-Dichloropropene	<2	1	U	ug/L	0	GE
		trans-1,4-Dichloro-2-butene	<2	1	U	ug/L	0	GE

Number of Records: 76

* = exceeded holding time. +=exceeded screening level or final primary drinking water standard.

WELL: LFW69D

<u>SRS Coord.</u>	<u>Lat/Longitude</u>	<u>Screen Zone Elevation</u>	<u>Top of Casing</u>	<u>Casing</u>	<u>Pump</u>	<u>Formation</u>
N 82452	33.282366 Deg N	139-119 ft msl	146.1 ft msl	2" PVC	V	U. Steed Pond
E 45501	-81.707148 Deg W					

FIELD MEASUREMENTS

Sample Date: 12/03/96	Time: 9:30 AM
Water Depth: 8.67 ft	pH: 5
Water Elevation: 135.33 ft msl	Alkalinity: 6 mg/L
Sp. Conductance: 64 µS/cm	Water Temperature: 22 deg. C
Turbidity: 5.7 NTU	
Water Evacuated Before Sampling: 20 gal	Volumes Purged: 6.617 well volumes

LABORATORY ANALYSES

H	ST	Analyte	Result	DF	Mod	Unit	Flag	Lab
		1,1,1,2-Tetrachloroethane	<2	1	U	ug/L	0	GE
		1,1,1-Trichloroethane	<2	1	U	ug/L	0	GE
		1,1,2,2-Tetrachloroethane	<2	1	U	ug/L	0	GE
		1,1,2-Trichloroethane	<2	1	U	ug/L	0	GE
+		1,1-Dichloroethane	19	1		ug/L	2	GE
		1,1-Dichloroethylene	<2	1	U	ug/L	0	GE
		1,2,3-Trichloropropane	<2	1	U	ug/L	0	GE
+		1,2-Dibromoethane	<2	1	U	ug/L	2	GE
		1,2-Dichlorobenzene	<2	1	U	ug/L	0	GE
		1,2-Dichloroethane	<2	1	U	ug/L	0	GE
		1,2-Dichloropropane	<2	1	U	ug/L	0	GE
		1,3-Dichlorobenzene	<2	1	U	ug/L	0	GE
		1,4-Dichlorobenzene	46.9	1		ug/L	1	GE
		2,4,5-TP (Silvex)	<0.025	1	UJ	ug/L	0	GE
		2,4,5-TP (Silvex)	<0.0248	1	UJ	ug/L	0	GE
		2,4-Dichlorophenoxyacetic acid	<0.0495	1	UJ	ug/L	0	GE
		2,4-Dichlorophenoxyacetic acid	<0.05	1	UJ	ug/L	0	GE
		2-Chloroethyl vinyl ether	<10	1	U	ug/L	1	GE
		2-Hexanone	<10	1	U	ug/L	0	GE
		Acetone	<10	1	U	ug/L	0	GE
		Acetonitrile (Methyl cyanide)	<10	1	U	ug/L	0	GE
		Acrolein	<20	1	U	ug/L	0	GE
		Acrylonitrile	<50	1	U	ug/L	0	GE
		Aldrin	<0.025	1	UJ	ug/L	0	GE
		Allyl chloride	<10	1	U	ug/L	0	GE
		Arsenic, total recoverable	<5	1	U	ug/L	0	GE
		Barium, total recoverable	5.74	1		ug/L	0	GE
		Benzene	1.2	1	J	ug/L	0	GE
		Bromodichloromethane	<2	1	U	ug/L	0	GE
		Bromoform	<2	1	U	ug/L	0	GE
		Bromomethane (Methyl bromide)	<2	1	U	ug/L	0	GE
		Cadmium, total recoverable	<0.158	1	U	ug/L	0	GE
		Carbon disulfide	<5	1	U	ug/L	0	GE
		Carbon tetrachloride	<2	1	U	ug/L	0	GE
		Chlorobenzene	11.8	1		ug/L	0	GE
		Chloroethane	<2	1	U	ug/L	0	GE
+		Chloroethene (Vinyl chloride)	17	1		ug/L	2	GE
		Chloroform	<2	1	U	ug/L	0	GE
		Chloromethane (Methyl chloride)	<2	1	U	ug/L	0	GE
		Chloroprene	<2	1	U	ug/L	0	GE
		Chromium, total recoverable	<4	1	U	ug/L	0	GE
		Dibromochloromethane	<2	1	U	ug/L	0	GE
		Dibromomethane (Methylene bromide)	<2	1	U	ug/L	0	GE
		Dichlorodifluoromethane	<2	1	U	ug/L	0	GE

* = exceeded holding time. +=exceeded screening level or final primary drinking water standard.

WELL: LFW69D (cont'd)

LABORATORY ANALYSES (cont'd)

H	ST	Analyte	Result	DF	Mod	Unit	Flag	Lab
		Dichloromethane (Methylene chloride)	<2.2	1	U	ug/L	0	GE
		Dieldrin	<0.05	1	UJ	ug/L	0	GE
		Endrin	<0.05	1	UJ	ug/L	0	GE
		Endrin	<0.05	1	UJ	ug/L	0	GE
		Ethylbenzene	<2	1	U	ug/L	0	GE
		Gross alpha	1.24	1		pCi/L	0	GP
		Gross alpha	1.6	1		pCi/L	0	GP
		Heptachlor	<0.05	1	UJ	ug/L	0	GE
		Iodomethane (Methyl iodide)	<10	1	U	ug/L	0	GE
		Isobutyl alcohol	<20	1	U	ug/L	0	GE
		Lead, total recoverable	4.03	1	J	ug/L	0	GE
		Lindane	<0.025	1	U	ug/L	0	GE
		Lindane	<0.025	1	U	ug/L	0	GE
		Mercury, total recoverable	<0.2	1	U	ug/L	0	GE
		Methacrylonitrile	<10	1	U	ug/L	0	GE
		Methoxychlor	<0.5	1	U	ug/L	0	GE
		Methoxychlor	<0.5	1	U	ug/L	0	GE
		Methyl ethyl ketone	<5	1	U	ug/L	0	GE
		Methyl isobutyl ketone	<10	1	U	ug/L	0	GE
		Methyl methacrylate	<10	1	U	ug/L	0	GE
		Nonvolatile beta	<0.927	1	UI	pCi/L	0	GP
		Nonvolatile beta	<1.33	1	UI	pCi/L	0	GP
		Propionitrile	<20	1	U	ug/L	0	GE
		Radium-226	1.53	1	J	pCi/L	0	GP
		Radium-226	1.06	1	J	pCi/L	0	GP
		Radium-228	<0.456	1	UI	pCi/L	0	GP
		Selenium, total recoverable	<5	1	U	ug/L	0	GE
		Silver, total recoverable	<2	1	U	ug/L	0	GE
		Styrene	<2	1	U	ug/L	0	GE
		Tetrachloroethylene	<2	1	U	ug/L	0	GE
		Toluene	<2	1	U	ug/L	0	GE
		Toxaphene	<1	1	U	ug/L	0	GE
		Toxaphene	<1	1	U	ug/L	0	GE
		Trichloroethylene	<2	1	U	ug/L	0	GE
		Trichlorofluoromethane	<2	1	U	ug/L	0	GE
		Tritium	<-0.643	1	UI	pCi/mL	0	GP
		Vinyl acetate	<10	1	U	ug/L	1	GE
		Xylenes	1	1	J	ug/L	0	GE
		cis-1,3-Dichloropropene	<2	1	U	ug/L	0	GE
		p,p'-DDT	<0.1	1	UJ	ug/L	0	GE
		trans-1,2-Dichloroethylene	<2	1	U	ug/L	0	GE
		trans-1,3-Dichloropropene	<2	1	U	ug/L	0	GE
		trans-1,4-Dichloro-2-butene	<2	1	U	ug/L	0	GE

Number of Records: 92

* = exceeded holding time. +=exceeded screening level or final primary drinking water standard.

WELL: LFW71B

<u>SRS Coord.</u>	<u>Lat/Longitude</u>	<u>Screen Zone Elevation</u>	<u>Top of Casing</u>	<u>Casing</u>	<u>Pump</u>	<u>Formation</u>
N 82616.7	33.2841 Deg N	67- 57 ft msl	147 ft msl	2" PVC	V	L. Steed Pond
E 46340.4	-81.705258 Deg W					

FIELD MEASUREMENTS

Sample Date: 12/05/96	Time: 1:37 PM
Water Depth: 9.76 ft	pH: 4
Water Elevation: 135.14 ft msl	Alkalinity: 0 mg/L
Sp. Conductance: 48 µS/cm	Water Temperature: 22 deg. C
Turbidity: 0.5 NTU	
Water Evacuated Before Sampling: 42 gal	Volumes Purged: 3.192 well volumes

LABORATORY ANALYSES

H	ST	Analyte	Result	DF	Mod	Unit	Flag	Lab
		1,1,1,2-Tetrachloroethane	<2	1	U	ug/L	0	GE
		1,1,1-Trichloroethane	<2	1	U	ug/L	0	GE
		1,1,2,2-Tetrachloroethane	<2	1	U	ug/L	0	GE
		1,1,2-Trichloroethane	<2	1	U	ug/L	0	GE
		1,1-Dichloroethane	<2	1	U	ug/L	0	GE
		1,1-Dichloroethylene	<2	1	U	ug/L	0	GE
		1,2,3-Trichloropropane	<2	1	U	ug/L	0	GE
+		1,2-Dibromoethane	<2	1	U	ug/L	2	GE
		1,2-Dichlorobenzene	<2	1	U	ug/L	0	GE
		1,2-Dichloroethane	<2	1	U	ug/L	0	GE
		1,2-Dichloropropane	<2	1	U	ug/L	0	GE
		1,3-Dichlorobenzene	<2	1	U	ug/L	0	GE
		1,4-Dichlorobenzene	<2	1	U	ug/L	0	GE
		2,4,5-TP (Silvex)	<0.0248	1	UJ	ug/L	0	GE
		2,4-Dichlorophenoxyacetic acid	<0.0495	1	UJ	ug/L	0	GE
		2-Chloroethyl vinyl ether	<10	1	U	ug/L	1	GE
		2-Hexanone	<10	1	U	ug/L	0	GE
		Acetone	<10	1	U	ug/L	0	GE
		Acetonitrile (Methyl cyanide)	<10	1	U	ug/L	0	GE
		Acrolein	<20	1	U	ug/L	0	GE
		Acrylonitrile	<50	1	U	ug/L	0	GE
		Aldrin	<0.025	1	U	ug/L	0	GE
		Allyl chloride	<10	1	U	ug/L	0	GE
		Arsenic, total recoverable	<5	1	U	ug/L	0	GE
		Barium, total recoverable	4.48	1		ug/L	0	GE
		Benzene	<2	1	U	ug/L	0	GE
		Bromodichloromethane	<2	1	U	ug/L	0	GE
		Bromoform	<2	1	U	ug/L	0	GE
		Bromomethane (Methyl bromide)	<2	1	U	ug/L	0	GE
		Cadmium, total recoverable	<2	1	U	ug/L	0	GE
		Carbon disulfide	<5	1	U	ug/L	0	GE
		Carbon tetrachloride	<2	1	U	ug/L	0	GE
		Chlorobenzene	<2	1	U	ug/L	0	GE
		Chloroethane	<2	1	U	ug/L	0	GE
		Chloroethene (Vinyl chloride)	<2	1	U	ug/L	1	GE
		Chloroform	<2	1	U	ug/L	0	GE
		Chloromethane (Methyl chloride)	<2	1	U	ug/L	0	GE
		Chloroprene	<2	1	U	ug/L	0	GE
		Chromium, total recoverable	1.62	1	J	ug/L	0	GE
		Dibromochloromethane	<2	1	U	ug/L	0	GE
		Dibromomethane (Methylene bromide)	<2	1	U	ug/L	0	GE
		Dichlorodifluoromethane	<2	1	U	ug/L	0	GE
+		Dichloromethane (Methylene chloride)	<10	1	U	ug/L	2	GE
		Dieldrin	<0.05	1	U	ug/L	0	GE

* = exceeded holding time. +=exceeded screening level or final primary drinking water standard.

WELL: LFW71B (cont'd)

LABORATORY ANALYSES (cont'd)

H	ST	Analyte	Result	DF	Mod	Unit	Flag	Lab
		Endrin	<0.0495	1	U	ug/L	0	GE
		Endrin	<0.05	1	U	ug/L	0	GE
		Ethylbenzene	<2	1	U	ug/L	0	GE
		Gross alpha	8.77	1		pCi/L	1	GP
		Heptachlor	<0.05	1	U	ug/L	0	GE
		Iodomethane (Methyl iodide)	<10	1	U	ug/L	0	GE
		Isobutyl alcohol	<20	1	U	ug/L	0	GE
		Lead, total recoverable	1.2	1	J	ug/L	0	GE
		Lindane	<0.0248	1	U	ug/L	0	GE
		Lindane	<0.025	1	U	ug/L	0	GE
		Mercury, total recoverable	<0.2	1	U	ug/L	0	GE
		Mercury, total recoverable	<0.2	1	U	ug/L	0	GE
		Methacrylonitrile	<10	1	U	ug/L	0	GE
		Methoxychlor	<0.495	1	U	ug/L	0	GE
		Methoxychlor	<0.5	1	U	ug/L	0	GE
		Methyl ethyl ketone	<5	1	U	ug/L	0	GE
		Methyl isobutyl ketone	<10	1	U	ug/L	0	GE
		Methyl methacrylate	<10	1	U	ug/L	0	GE
		Nonvolatile beta	3.48	1		pCi/L	0	GP
		Propionitrile	<20	1	U	ug/L	0	GE
		Selenium, total recoverable	<5	1	U	ug/L	0	GE
		Silver, total recoverable	<2	1	U	ug/L	0	GE
		Styrene	<2	1	U	ug/L	0	GE
		Tetrachloroethylene	<2	1	U	ug/L	0	GE
		Toluene	<2	1	U	ug/L	0	GE
		Toxaphene	<1	1	U	ug/L	0	GE
		Toxaphene	<0.99	1	U	ug/L	0	GE
		Trichloroethylene	<2	1	U	ug/L	0	GE
		Trichlorofluoromethane	<2	1	U	ug/L	0	GE
		Tritium	<1.41	1	UI	pCi/mL	0	GP
		Vinyl acetate	<10	1	U	ug/L	1	GE
		Xylenes	<2	1	U	ug/L	0	GE
		cis-1,3-Dichloropropene	<2	1	U	ug/L	0	GE
		p,p'-DDT	<0.1	1	U	ug/L	0	GE
		trans-1,2-Dichloroethylene	<2	1	U	ug/L	0	GE
		trans-1,3-Dichloropropene	<2	1	U	ug/L	0	GE
		trans-1,4-Dichloro-2-butene	<2	1	U	ug/L	0	GE

Number of Records: 85

* = exceeded holding time. +=exceeded screening level or final primary drinking water standard.

WELL: LFW71C

<u>SRS Coord.</u>	<u>Lat/Longitude</u>	<u>Screen Zone Elevation</u>	<u>Top of Casing</u>	<u>Casing</u>	<u>Pump</u>	<u>Formation</u>
N 82615.8	33.284081 Deg N	90.4- 80.4 ft msl	147.2 ft msl	2" PVC	V	M. Steed Pond
E 46329.8	-81.705284 Deg W					

FIELD MEASUREMENTS

Sample Date: 12/06/96	Time: 2:00 PM
Water Depth: 10 ft	pH: 4.2
Water Elevation: 135.2 ft msl	Alkalinity: 0 mg/L
Sp. Conductance: 34 µS/cm	Water Temperature: 25 deg. C
Turbidity: 0.8 NTU	
Water Evacuated Before Sampling: 28 gal	Volumes Purged: 3.006 well volumes

LABORATORY ANALYSES

H	ST	Analyte	Result	DF	Mod	Unit	Flag	Lab
		1,1,1,2-Tetrachloroethane	<2	1	U	ug/L	0	GE
		1,1,1-Trichloroethane	<2	1	U	ug/L	0	GE
		1,1,2,2-Tetrachloroethane	<2	1	U	ug/L	0	GE
		1,1,2-Trichloroethane	<2	1	U	ug/L	0	GE
		1,1-Dichloroethane	<2	1	U	ug/L	0	GE
		1,1-Dichloroethylene	<2	1	U	ug/L	0	GE
		1,2,3-Trichloropropane	<2	1	U	ug/L	0	GE
+		1,2-Dibromoethane	<2	1	U	ug/L	2	GE
		1,2-Dichlorobenzene	<2	1	U	ug/L	0	GE
		1,2-Dichloroethane	<2	1	U	ug/L	0	GE
		1,2-Dichloropropane	<2	1	U	ug/L	0	GE
		1,3-Dichlorobenzene	<2	1	U	ug/L	0	GE
		1,4-Dichlorobenzene	<2	1	U	ug/L	0	GE
		2,4,5-TP (Silvex)	<0.0248	1	UJ	ug/L	0	GE
		2,4,5-TP (Silvex)	<0.0248	1	UJ	ug/L	0	GE
		2,4-Dichlorophenoxyacetic acid	<0.0495	1	UJ	ug/L	0	GE
		2,4-Dichlorophenoxyacetic acid	<0.0495	1	UJ	ug/L	0	GE
		2-Chloroethyl vinyl ether	<10	1	U	ug/L	1	GE
		2-Hexanone	<10	1	U	ug/L	0	GE
		Acetone	<10	1	U	ug/L	0	GE
		Acetonitrile (Methyl cyanide)	<10	1	U	ug/L	0	GE
		Acrolein	<20	1	U	ug/L	0	GE
		Acrylonitrile	<50	1	U	ug/L	0	GE
		Allyl chloride	<10	1	U	ug/L	0	GE
		Aluminum, total recoverable	61.4	1		ug/L	2	GE
		Arsenic, total recoverable	<5	1	U	ug/L	0	GE
		Arsenic, total recoverable	<5	1	U	ug/L	0	GE
		Barium, total recoverable	7.6	1		ug/L	0	GE
		Barium, total recoverable	7.88	1		ug/L	0	GE
		Benzene	<2	1	U	ug/L	0	GE
		Boron, total recoverable	<50	1	U	ug/L	0	GE
		Bromodichloromethane	<2	1	U	ug/L	0	GE
		Bromoform	<2	1	U	ug/L	0	GE
		Bromomethane (Methyl bromide)	<2	1	U	ug/L	0	GE
		Cadmium, total recoverable	<2	1	U	ug/L	0	GE
		Cadmium, total recoverable	<2	1	U	ug/L	0	GE
		Calcium, total recoverable	1150	1		ug/L	0	GE
		Carbon disulfide	<5	1	U	ug/L	0	GE
		Carbon tetrachloride	<2	1	U	ug/L	0	GE
		Chlorobenzene	<2	1	U	ug/L	0	GE
		Chloroethane	<2	1	U	ug/L	0	GE
		Chloroethene (Vinyl chloride)	<2	1	U	ug/L	1	GE
		Chloroform	<2	1	U	ug/L	0	GE
		Chloromethane (Methyl chloride)	<2	1	U	ug/L	0	GE

* = exceeded holding time. +=exceeded screening level or final primary drinking water standard.

WELL: LFW71C (cont'd)

LABORATORY ANALYSES (cont'd)

H	ST	Analyte	Result	DF	Mod	Unit	Flag	Lab
		Chloroprene	<2	1	U	ug/L	0	GE
		Chromium, total recoverable	10.1	1		ug/L	0	GE
		Chromium, total recoverable	9.46	1		ug/L	0	GE
		Dibromochloromethane	<2	1	U	ug/L	0	GE
		Dibromomethane (Methylene bromide)	<2	1	U	ug/L	0	GE
		Dichlorodifluoromethane	<2	1	U	ug/L	0	GE
+		Dichloromethane (Methylene chloride)	<10	1	U	ug/L	2	GE
		Endrin	<0.05	1	U	ug/L	0	GE
		Ethylbenzene	<2	1	U	ug/L	0	GE
		Gross alpha	5.35	1		pCi/L	0	GP
		Iodomethane (Methyl iodide)	<10	1	U	ug/L	0	GE
		Iron, total recoverable	58.8	1	J	ug/L	0	GE
		Isobutyl alcohol	<20	1	U	ug/L	0	GE
		Lead, total recoverable	<5	1	U	ug/L	0	GE
		Lead, total recoverable	<5	1	U	ug/L	0	GE
		Lindane	<0.025	1	UI	ug/L	0	GE
		Magnesium, total recoverable	665	1		ug/L	0	GE
		Manganese, total recoverable	5.12	1		ug/L	0	GE
		Mercury, total recoverable	<0.2	1	U	ug/L	0	GE
		Mercury, total recoverable	<0.2	1	U	ug/L	0	GE
		Methacrylonitrile	<10	1	U	ug/L	0	GE
		Methoxychlor	<0.5	1	U	ug/L	0	GE
		Methyl ethyl ketone	<5	1	U	ug/L	0	GE
		Methyl isobutyl ketone	<10	1	U	ug/L	0	GE
		Methyl methacrylate	<10	1	U	ug/L	0	GE
		Nickel, total recoverable	5.33	1	J	ug/L	0	GE
		Nonvolatile beta	1.61	1		pCi/L	0	GP
		Potassium, total recoverable	336	1	J	ug/L	0	GE
		Propionitrile	<20	1	U	ug/L	0	GE
		Selenium, total recoverable	<5	1	U	ug/L	0	GE
		Selenium, total recoverable	<5	1	U	ug/L	0	GE
		Silver, total recoverable	<2	1	U	ug/L	0	GE
		Silver, total recoverable	<2	1	U	ug/L	0	GE
		Sodium, total recoverable	1800	1		ug/L	0	GE
		Styrene	<2	1	U	ug/L	0	GE
		Tetrachloroethylene	<2	1	U	ug/L	0	GE
		Toluene	<2	1	U	ug/L	0	GE
		Toxaphene	<1	1	U	ug/L	0	GE
		Trichloroethylene	<2	1	U	ug/L	0	GE
		Trichlorofluoromethane	<2	1	U	ug/L	0	GE
		Tritium	<0.699	1	UI	pCi/mL	0	GP
		Vinyl acetate	<10	1	U	ug/L	1	GE
		Xylenes	<2	1	U	ug/L	0	GE
		cis-1,3-Dichloropropene	<2	1	U	ug/L	0	GE
		trans-1,2-Dichloroethylene	<2	1	U	ug/L	0	GE
		trans-1,3-Dichloropropene	<2	1	U	ug/L	0	GE
		trans-1,4-Dichloro-2-butene	<2	1	U	ug/L	0	GE

Number of Records: 97

* = exceeded holding time. +=exceeded screening level or final primary drinking water standard.

WELL: LFW71D

<u>SRS Coord.</u>	<u>Lat/Longitude</u>	<u>Screen Zone Elevation</u>	<u>Top of Casing</u>	<u>Casing</u>	<u>Pump</u>	<u>Formation</u>
N 82615.1	33.284063 Deg N	135.5-115.5 ft msl	147.4 ft msl	2" PVC	V	U. Steed Pond
E 46319.8	-81.705309 Deg W					

FIELD MEASUREMENTS

Sample Date: 12/05/96	Time: 1:00 PM
Water Depth: 10.89 ft	pH: 4.6
Water Elevation: 134.61 ft msl	Alkalinity: 0 mg/L
Sp. Conductance: 18 µS/cm	Water Temperature: 22 deg. C
Turbidity: 3.3 NTU	
Water Evacuated Before Sampling: 21 gal	Volumes Purged: 6.095 well volumes

LABORATORY ANALYSES

H	ST	Analyte	Result	DF	Mod	Unit	Flag	Lab
		1,1,1,2-Tetrachloroethane	<2	1	U	ug/L	0	GE
		1,1,1-Trichloroethane	<2	1	U	ug/L	0	GE
		1,1,2,2-Tetrachloroethane	<2	1	U	ug/L	0	GE
		1,1,2-Trichloroethane	<2	1	U	ug/L	0	GE
		1,1-Dichloroethane	<2	1	U	ug/L	0	GE
		1,1-Dichloroethylene	<2	1	U	ug/L	0	GE
		1,2,3-Trichloropropane	<2	1	U	ug/L	0	GE
+		1,2-Dibromoethane	<2	1	U	ug/L	2	GE
		1,2-Dichlorobenzene	<2	1	U	ug/L	0	GE
		1,2-Dichloroethane	<2	1	U	ug/L	0	GE
		1,2-Dichloropropane	<2	1	U	ug/L	0	GE
		1,3-Dichlorobenzene	<2	1	U	ug/L	0	GE
		1,4-Dichlorobenzene	<2	1	U	ug/L	0	GE
		2,4,5-TP (Silvex)	<0.0248	1	UJ	ug/L	0	GE
		2,4-Dichlorophenoxyacetic acid	<0.0495	1	UJ	ug/L	0	GE
		2-Chloroethyl vinyl ether	<10	1	U	ug/L	1	GE
		2-Hexanone	<10	1	U	ug/L	0	GE
		Acetone	<10	1	U	ug/L	0	GE
		Acetonitrile (Methyl cyanide)	<10	1	U	ug/L	0	GE
		Acrolein	<20	1	U	ug/L	0	GE
		Acrylonitrile	<50	1	U	ug/L	0	GE
		Allyl chloride	<10	1	U	ug/L	0	GE
		Aluminum, total recoverable	<20	1	U	ug/L	0	GE
		Arsenic, total recoverable	<5	1	U	ug/L	0	GE
		Arsenic, total recoverable	<5	1	U	ug/L	0	GE
		Barium, total recoverable	3.3	1		ug/L	0	GE
		Barium, total recoverable	4.02	1		ug/L	0	GE
		Benzene	<2	1	U	ug/L	0	GE
		Bromodichloromethane	<2	1	U	ug/L	0	GE
		Bromoform	<2	1	U	ug/L	0	GE
		Bromomethane (Methyl bromide)	<2	1	U	ug/L	0	GE
		Cadmium, total recoverable	<2	1	U	ug/L	0	GE
		Cadmium, total recoverable	0.836	1	J	ug/L	0	GE
		Carbon disulfide	<5	1	U	ug/L	0	GE
		Carbon tetrachloride	<2	1	U	ug/L	0	GE
		Chlorobenzene	<2	1	U	ug/L	0	GE
		Chloroethane	<2	1	U	ug/L	0	GE
		Chloroethene (Vinyl chloride)	<2	1	U	ug/L	1	GE
		Chloroform	<2	1	U	ug/L	0	GE
		Chloromethane (Methyl chloride)	<2	1	U	ug/L	0	GE
		Chloroprene	<2	1	U	ug/L	0	GE
		Chromium, total recoverable	1.17	1	J	ug/L	0	GE
		Chromium, total recoverable	1.68	1	J	ug/L	0	GE

* = exceeded holding time. +=exceeded screening level or final primary drinking water standard.

WELL: LFW71D (cont'd)

LABORATORY ANALYSES (cont'd)

H	ST	Analyte	Result	DF	Mod	Unit	Flag	Lab
		Cobalt, total recoverable	0.474	1	J	ug/L	0	GE
		Dibromochloromethane	<2	1	U	ug/L	0	GE
		Dibromomethane (Methylene bromide)	<2	1	U	ug/L	0	GE
		Dichlorodifluoromethane	<2	1	U	ug/L	0	GE
+		Dichloromethane (Methylene chloride)	<10	1	U	ug/L	2	GE
		Endrin	<0.05	1	U	ug/L	0	GE
		Ethylbenzene	<2	1	U	ug/L	0	GE
		Gross alpha	0.764	1		pCi/L	0	GP
		Gross alpha	<0.258	1	UI	pCi/L	0	GP
		Iodomethane (Methyl iodide)	<10	1	U	ug/L	0	GE
		Iron, total recoverable	14.3	1	J	ug/L	0	GE
		Isobutyl alcohol	<20	1	U	ug/L	0	GE
		Lead, total recoverable	2.14	1	J	ug/L	0	GE
		Lead, total recoverable	1.37	1	J	ug/L	0	GE
		Lindane	<0.025	1	U	ug/L	0	GE
		Manganese, total recoverable	2.22	1		ug/L	0	GE
		Mercury, total recoverable	<0.2	1	U	ug/L	0	GE
		Methacrylonitrile	<10	1	U	ug/L	0	GE
		Methoxychlor	<0.5	1	U	ug/L	0	GE
		Methyl ethyl ketone	<5	1	U	ug/L	0	GE
		Methyl isobutyl ketone	<10	1	U	ug/L	0	GE
		Methyl methacrylate	<10	1	U	ug/L	0	GE
		Nickel, total recoverable	<3.02	1	U	ug/L	0	GE
		Nonvolatile beta	<0.503	1	UI	pCi/L	0	GP
		Nonvolatile beta	<0.615	1	UI	pCi/L	0	GP
		Propionitrile	<20	1	U	ug/L	0	GE
		Selenium, total recoverable	2.24	1	J	ug/L	0	GE
		Selenium, total recoverable	<5	1	U	ug/L	0	GE
		Silver, total recoverable	<2	1	U	ug/L	0	GE
		Silver, total recoverable	<2	1	U	ug/L	0	GE
		Styrene	<2	1	U	ug/L	0	GE
		Tetrachloroethylene	<2	1	U	ug/L	0	GE
		Toluene	<2	1	U	ug/L	0	GE
		Toxaphene	<1	1	U	ug/L	0	GE
		Trichloroethylene	<2	1	U	ug/L	0	GE
		Trichlorofluoromethane	<2	1	U	ug/L	0	GE
		Tritium	<0.907	1	UI	pCi/mL	0	GP
		Vinyl acetate	<10	1	U	ug/L	1	GE
		Xylenes	<2	1	U	ug/L	0	GE
		cis-1,3-Dichloropropene	<2	1	U	ug/L	0	GE
		trans-1,2-Dichloroethylene	<2	1	U	ug/L	0	GE
		trans-1,3-Dichloropropene	<2	1	U	ug/L	0	GE
		trans-1,4-Dichloro-2-butene	<2	1	U	ug/L	0	GE

Number of Records: 90

* = exceeded holding time. +=exceeded screening level or final primary drinking water standard.

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

Analyte	Unit	Level	Status	Source
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
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)
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

Analyte	Unit	Flag 1	Flag 2	Source ^a
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)
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

Analyte	Unit	Flag 1	Flag 2	Source ^a
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)
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

Analyte	Unit	Flag 1	Flag 2	Source ^a
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)
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

Analyte	Unit	Flag 1	Flag 2	Source ^a
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
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)

Analyte	Unit	Flag 1	Flag 2	Source ^a
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
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

Analyte	Unit	Flag 1	Flag 2	Source ^a
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)
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)

Analyte	Unit	Flag 1	Flag 2	Source ^a
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	0.75E+01	1.5E+01	Proposed PDWS (EPA, 1991)
Radium-226 + 228 ^h	pCi/L	0.25E+01	0.5E+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
Sulfotep	µg/L	50	100	EPA Method 8270
Surfactants		No flag	No flag	Set by EPD/EMS
2,3,7,8-TCDD	µg/L	0.000015	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)
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)

Analyte	Unit	Flag 1	Flag 2	Source ^a
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)
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
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.
- ^h The applied standard is for combined radium-226 and radium-228 activity.

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