SANITARY LANDFILL GROUNDWATER MONITORING REPORT (U)

**FOURTH QUARTER 1994
AND 1994 SUMMARY**

Publication Date: February 1995

Authorized Derivative Classifier
and Reviewing Official:

**UNCLASSIFIED
Does Not Contain Unclassified
Controlled Nuclear Information**

Westinghouse Savannah River Company
Savannah River Site
Aiken, SC 29808

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

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Key Words

chloroethene
dichloromethane
LFW wells
tetrachloroethylene
trichloroethylene

Westinghouse Savannah River Company
Savannah River Site
Aiken, SC 29808

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

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Abstract

Eighty-nine wells of the LFW series monitor groundwater quality in the Steed Pond Aquifer (Water Table) beneath the Sanitary Landfill at the Savannah River Site (SRS). These wells are sampled quarterly to comply with the South Carolina Department of Health and Environmental Control Domestic Waste Permit DWP-087A and as part of the SRS Groundwater Monitoring Program.

Dichloromethane, a common laboratory contaminant, and trichloroethylene were the most widespread constituents exceeding standards during 1994. Benzene, chloroethene (vinyl chloride), 1,2-dichloroethane, 1,1-dichloroethylene, 1,2-dichloropropane, gross alpha, mercury, nonvolatile beta, tetrachloroethylene, and tritium also exceeded standards in one or more wells.

The groundwater flow direction in the Steed Pond Aquifer (Water Table) beneath the Sanitary Landfill was to the southeast (universal transverse Mercator coordinates). The flow rate in this unit was approximately 140 ft/year during first and fourth quarters 1994.

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Executive Summary

The Sanitary Landfill at the Savannah River Site (SRS) is composed of the original 32-acre landfill, plus expansion areas to the north and south that add 16 and 22 acres, respectively, to the facility. The landfill is subject to the requirements of the Resource Conservation and Recovery Act and is subject to the South Carolina Department of Health and Environmental Control (SCDHEC) Domestic Waste Permit DWP-087A and the Sanitary Landfill groundwater quality assessment plan.

Eighty-nine wells of the LFW series monitor the groundwater quality in the Steed Pond Aquifer (Water Table) beneath the Sanitary Landfill. These wells are sampled quarterly for selected indicator parameters, inorganics, radionuclides, volatile organics, and other constituents to comply with the Sanitary Landfill groundwater quality assessment plan and as part of the SRS Groundwater Monitoring Program. During December 1993 and January and February 1994, 32 new wells were added to the LFW groundwater monitoring network to satisfy recommendations of the groundwater quality assessment plan (modified November 1993) to provide information to fill data gaps. No LFW wells were abandoned in 1994. However, the closure plan for this facility proposes abandoning several older monitoring wells that will interfere with the closure cap.

During 1994, samples analyzed from 47 of the 89 monitoring wells (53 percent) exhibited levels of benzene, chloroethene, 1,2-dichloroethane, 1,1-dichloroethylene, dichloromethane, 1,2-dichloropropane, gross alpha, mercury, nonvolatile beta, tetrachloroethylene, trichloroethylene, or tritium that exceeded their final Primary Drinking Water Standards (PDWS).

Trichloroethylene and dichloromethane were the most widespread constituents exceeding standards during 1994. Trichloroethylene was elevated in 21 LFW wells during the year; dichloromethane occurred in concentrations that exceeded its final PDWS in 27 wells. Chloroethene exceeded its final PDWS in 17 wells; tritium was elevated in 10 wells; benzene, nonvolatile beta, and tetrachloroethylene were elevated in 9 wells each; and gross alpha was elevated in 6 wells. The remaining elevated constituents occurred with less frequency during the year. These results are similar to results for 1993, except for the occurrence of elevated levels of nonvolatile beta.

The groundwater flow direction in the Steed Pond Aquifer (Water Table) beneath the Sanitary Landfill during first and fourth quarters 1994 was to the southeast (universal transverse Mercator coordinates) toward Upper Three Runs Creek. Estimated flow rates in this aquifer during the same periods were 140 ft/year each quarter. These directions and flow rates are very similar to directions and flow rates during 1993.

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Introduction

The Sanitary Landfill (740-G) (Figures 1 and 2, Appendix C) is located southwest of Road C, about midway down the slope from the Aiken Plateau to Upper Three Runs Creek. The following description outlines important events in the history of the landfill:

- The original 32-acre landfill began receiving sanitary waste, including paper and paper products, plastics, scrap metal, rubber, food waste, glass, packing material, miscellaneous construction debris, empty paint cans, and other nonradioactive waste materials in 1974 (Heffner and Exploration Resources, 1991).
- On June 12, 1978, the South Carolina Department of Health and Environmental Control (SCDHEC) issued permit DWP-087 to the U.S. Department of Energy (DOE) for the operation of the Sanitary Landfill for inert and domestic solid waste disposal.
- On September 9, 1986, SCDHEC issued permit DWP-087A which allowed expansion areas to the north and south of the original 32-acre landfill, adding 16 and 22 acres, respectively (WSRC, 1993).
- The original landfill was filled to capacity in early 1987 (WSRC, 1990).
- In 1988, the Sanitary Landfill was placed on the Resource Conservation and Recovery Act (RCRA) Facility Investigation (RFI) list because elevated levels of hazardous constituents were detected in the groundwater beneath the facility (WSRC, 1990).
- A groundwater quality assessment plan for the Sanitary Landfill was submitted to SCDHEC in 1990 (WSRC, 1990).
- SCDHEC renewed permit DWP-087A on July 24, 1991 (SCDHEC, 1991).
- As a result of Settlement Agreement 91-51-SW, effective August 24, 1991, the Sanitary Landfill became subject to RCRA requirements because wipes and rags contaminated with RCRA-listed solvents were disposed there.
- As a result of RCRA permit investigation, the U.S. Environmental Protection Agency (EPA) removed the Sanitary Landfill from the RFI/RI unit list in August 1991.
- The Northern Expansion began operations in mid-1992 when the Southern Expansion was filled (WSRC, 1993).
- SRS submitted a closure plan for the Sanitary Landfill to SCDHEC on February 28, 1993.
- A RCRA Part B post-closure care permit application was submitted to SCDHEC on March 31, 1993.
- A modification to the Sanitary Landfill groundwater quality assessment plan was approved by SCDHEC in November 1993. The modified plan included further characterization studies and

proposed the installation of additional monitoring wells. Thirty-two new monitoring wells were sampled for the first time during second quarter 1994.

- The Northern Expansion, the last open portion of the Sanitary Landfill, ceased actual operations on November 1, 1994.

The SRS Environmental Protection Department/Environmental Monitoring Section (EPD/EMS) samples the 89 monitoring wells at the Sanitary Landfill quarterly for selected parameters. The Environmental Restoration Department provides quarterly reports of monitoring results to SCDHEC to meet regulatory requirements.

Discussion

Groundwater Monitoring Data

Groundwater samples were collected from the LFW wells during December 1993 for first quarter 1994, during March or April for second quarter 1994, during June for third quarter 1994, and during September for fourth quarter 1994.

The sampling procedure (WSRC, 1992) requires evacuation of a minimum of two well volumes and stabilization of pH, specific conductance, and turbidity prior to sample collection. Stability is established when a minimum of three successive measurements, taken for each stability parameter within a given time period, are within a specified tolerance range. If a well pumps dry before two well volumes are purged or before stabilization is achieved, it must be revisited within 24 hours for the data to be considered from a single sampling event. On the second visit within 24 hours, samples are taken without purging or stability measurements; thus, these samples may not be representative of groundwater quality.

Throughout 1994, samples from wells at the Sanitary Landfill were analyzed for selected indicator parameters, inorganics, radionuclides, volatile organics, and other constituents. For simplicity, results that equaled or exceeded standards are described as *exceeding* standards, *above* standards, or as *elevated*. The following standards were used in this report:

- the Safe Drinking Water Act final Primary Drinking Water Standards (PDWS) or drinking water screening levels, as established by the U.S. EPA (Appendix A)
- the South Carolina final PDWS for lead (Appendix A)
- SRS flagging criteria based on PDWS, Secondary Drinking Water Standards, or method detection limits (Appendix B)

The final PDWS for individual analytes provided in Appendix A may not always match the SRS flagging criteria provided in Appendix B. The final PDWS are used as guidelines in this compliance report to meet regulatory requirements; the flagging criteria are used by EPD/EMS to identify relative levels of constituents in the groundwater and as guides for scheduling groundwater sampling.

Integrity of the Monitoring Well Network

Eighty-nine wells of the LFW series presently monitor groundwater quality in the Steed Pond Aquifer (Water Table) beneath the Sanitary Landfill (Figure 2, Appendix C). Fourteen wells were installed between 1981 and 1984, 17 wells were installed around the southern and northern expansions in late 1986, and 26 additional wells were installed in 1991. Since the publication of the fourth quarter 1993 report, 32 additional LFW wells were installed southeast of the southern expansion. The designated background wells at the Sanitary Landfill are wells LFW 29, 30, and 31 and well cluster LFW 43.

SRS rehabilitates and replaces wells that do not produce representative groundwater samples. A complete record of well installations, replacements, and abandonments at the Sanitary Landfill is provided in the EPD/EMS well inventory (EPD/EMS, 1994). During 1994, no wells were abandoned.

Table 3 (Appendix D) lists the number of well volumes purged from each of the LFW series wells during each quarter of 1994 and provides sampling codes (I, P, X, etc. [see Appendix D front matter]) that describe unusual sampling events. Unusual sampling events (with applicable sampling codes in parentheses) are summarized below.

- Wells that went dry during purging (X):

First quarter: LFW 62C

First through fourth quarters: LFW 28, 60D, and 62D

- Wells that could not be sampled because they were inaccessible or had mechanical problems (P):

Third quarter: LFW 64C, 64D, 68D, and 72B

Fourth quarter: LFW 66B

- The volume purged was not given for well LFW 66C during second quarter 1994 because its flowmeter was not working properly.
- Well LFW 7 was not sampled during 1994 because it was part of the Purge Water Containment program. Well LFW 7 contains elevated levels of chloroethene. When this well was last sampled, third quarter 1991, the concentration of chloroethene was 400 $\mu\text{g/L}$.

Analytical Results Exceeding Standards

Results for analytes that exceeded the final PDWS (Appendix A) during each quarter of 1994 are summarized in Table 1 (Appendix D) and described in the following text. The text includes the maximum level for each constituent in parentheses following the well in which it was detected.

During first quarter 1994, 34 of the 57 LFW wells contained elevated constituents.

- Dichloromethane was elevated in 21 wells: LFW 8, 10A, 16, 22, 28, 29, 30, 31, 32, 36, 37, 38, 39, 40, 48D, 58D, 59C, 59D, 61C (maximum concentration at 412 $\mu\text{g/L}$), 61D, and 62D.
- Trichloroethylene was elevated in 14 wells: LFW 10A, 16, 22, 37, 38, 39, 40, 58D, 59C, 59D, 61C (maximum concentration at 30 $\mu\text{g/L}$), 61D, 62C, and 62D.
- Nonvolatile beta was elevated in 9 wells: LFW 22, 36 (maximum activity at 1.4E+02 pCi/L), 44D, 45D, 46D, 47C, 47D, 48C, and 55D.
- Benzene was elevated in 6 wells: LFW 10A, 21 (maximum concentration at 17 $\mu\text{g/L}$), 37, 38, 58D, and 59D.
- Chloroethene was elevated in 7 wells: LFW 6, 8, 18, 36, 47C, 48D (maximum concentration at 87 $\mu\text{g/L}$), and 57D.

- Tritium was elevated in 5 wells: LFW 10A (maximum activity at $9.2\text{E}+01$ pCi/mL), 16, 21, 59C, and 61D.
- 1,2-Dichloroethane was elevated in 3 wells: LFW 38 (maximum concentration at $6.1\text{ }\mu\text{g/L}$), 58D, and 59D.
- Tetrachloroethylene was elevated in 2 wells: LFW 10A (maximum concentration at $29\text{ }\mu\text{g/L}$) and 39.
- 1,1-Dichloroethylene was elevated in well LFW 39 at a concentration of $9.0\text{ }\mu\text{g/L}$.
- Gross alpha was elevated in well LFW 57B with an activity of $1.8\text{E}+01$ pCi/L.
- Mercury was elevated in well LFW 48C at a concentration of $4.8\text{ }\mu\text{g/L}$.

During second quarter 1994, 30 of the 89 LFW wells contained elevated constituents.

- Trichloroethylene was elevated in 19 wells: LFW 10A, 16, 21, 22, 37, 38, 39, 40, 58D, 59C, 59D (maximum concentration at $37\text{ }\mu\text{g/L}$), 60C, 61C, 61D, 62C, 66C, 66D, 67C, and 67D.
- Dichloromethane was elevated in 17 wells: LFW 10A, 22, 37, 38, 39, 40, 58D, 59C, 59D, 60C, 61C (maximum concentration at $540\text{ }\mu\text{g/L}$), 61D, 66C, 66D, 67C, 67D, and 70D.
- Chloroethene was elevated in 9 wells: LFW 6, 8 (maximum concentration at $109\text{ }\mu\text{g/L}$) 17, 18, 21, 36, 48D, 57D, and 64D.
- Tetrachloroethylene was elevated in 8 wells: LFW 10A, 39, 40, 61C, 61D, 66D, 67C (maximum concentration at $57\text{ }\mu\text{g/L}$), and 67D.
- Tritium was elevated in 8 wells: LFW 10A (maximum activity at $6.9\text{E}+01$ pCi/mL), 16, 21, 39, 59C, 59D, 61D, and 66C.
- Benzene was elevated in 6 wells: LFW 10A, 21, 36, 37, 38 (maximum concentration at $17\text{ }\mu\text{g/L}$), and 59D.
- Gross alpha was elevated in 2 wells: LFW 8 and 37 (maximum concentration at $2.4\text{E}+01$ pCi/L).
- Mercury was elevated in 2 wells: LFW 48C (maximum concentration at $5.1\text{ }\mu\text{g/L}$) and 62C.
- 1,2-Dichloroethane was elevated in well LFW 38 at a concentration of $5.0\text{ }\mu\text{g/L}$.
- 1,2-Dichloropropane was elevated in well LFW 21 at a concentration of $5.7\text{ }\mu\text{g/L}$.

During third quarter 1994, 29 of the 89 LFW wells contained elevated constituents.

- Trichloroethylene was elevated in 18 wells: LFW 10A, 16, 22, 37, 38, 39, 40, 58D, 59C, 59D, 61C, 61D, 62C, 62D, 66C, 66D (maximum concentration at 36 $\mu\text{g/L}$), 67C, and 67D.
- Chloroethene was elevated in 13 wells: LFW 6, 8, 10A, 17, 18, 22, 36, 38, 39, 48D (maximum concentration at 118 $\mu\text{g/L}$), 57C, 57D, and 69D.
- Dichloromethane was elevated in 13 wells: LFW 10A, 22 (maximum concentration at 451 $\mu\text{g/L}$), 37, 38, 39, 40, 58D, 59C, 61C, 61D, 66C, 67C, and 67D.
- Tetrachloroethylene was elevated in 7 wells: LFW 10A (maximum concentration at 82 $\mu\text{g/L}$), 39, 40, 61C, 66D, 67C, and 67D.
- Tritium was elevated in 4 wells: LFW 10A (maximum activity of 4.0E+01 pCi/mL), 16, 59C, and 66C.
- Benzene was elevated in 3 wells: LFW 21, 37, and 38 (maximum concentration at 16 $\mu\text{g/L}$).
- Gross alpha was elevated in 3 wells: LFW 8, 36 (maximum activity at 3.3E+01 pCi/L), and 57B.
- 1,1-Dichloroethylene was elevated in 2 wells: LFW 61C and 67D (maximum concentration at 9.4 $\mu\text{g/L}$).
- Mercury was elevated in 2 wells: LFW 48C (maximum concentration at 3.0 $\mu\text{g/L}$) and 62C.
- 1,2-Dichloroethane was elevated in well LFW 38 at a concentration of 6.3 $\mu\text{g/L}$.

During fourth quarter 1994, 34 of the 89 LFW wells contained elevated constituents.

- Trichloroethylene was elevated in 20 wells: LFW 10A, 16, 22, 37, 38, 39, 40 (maximum concentration at 35 $\mu\text{g/L}$), 58D, 59C, 59D, 60C, 61C, 61D, 62C, 62D, 66C, 66D, 67C, 67D, and 71D.
- Dichloromethane was elevated in 19 wells: LFW 10A, 16, 22 (maximum concentration at 611 $\mu\text{g/L}$), 36, 37, 38, 39, 40, 58D, 59C, 59D, 60C, 61C, 61D, 62D, 66C, 66D, 67C, and 67D.
- Chloroethene was elevated in 14 wells: LFW 6, 8, 10A, 17, 18, 21, 36, 38, 39, 48D (maximum concentration at 96 $\mu\text{g/L}$), 57D, 63D, 64D, and 69D.
- Tetrachloroethylene was elevated in 8 wells: LFW 10A, 22, 39, 40, 61C, 66D, 67C (maximum concentration at 58 $\mu\text{g/L}$), and 67D.
- Benzene was elevated in 7 wells: LFW 21, 22, 37, 38 (maximum concentration at 18 $\mu\text{g/L}$), 58D, 59D, and 66D.

- Tritium was elevated in 7 wells: LFW 10A, 21 (maximum activity at 5.6E+01 pCi/mL), 38, 59C, 59D, 66C (maximum activity at 5.6E+01 pCi/mL), and 67D.
- Gross alpha was elevated in 3 wells: LFW 33, 39 (maximum activity at 3.3E+01 pCi/L), and 57B.
- 1,2-Dichloroethane was elevated in 2 wells: LFW 37 and 38 (maximum concentration at 6.9 $\mu\text{g/L}$).
- Mercury was elevated in 2 wells: LFW 48C (maximum concentration at 3.7 $\mu\text{g/L}$) and 62C.
- 1,1-Dichloroethylene was elevated in well LFW 67D at a concentration of 8.3 $\mu\text{g/L}$.
- 1,2-Dichloropropane was elevated in well LFW 21 at a concentration of 5.1 $\mu\text{g/L}$.

Results for analytes that exceeded other SRS Flag 2 criteria (Appendix B) during fourth quarter 1994 are summarized in Table 2 (Appendix D).

Table 3 (Appendix D) shows the results during each quarter of 1994 for all of the constituents and indicates the analytical laboratories that conducted the analyses, the dilution factors used in the analyses, and the analyses that received modifiers (which help define laboratory accuracy and precision) or that exceeded the EPA-approved holding times during fourth quarter 1994. Constituent results in Table 3 that appear to equal the final PDWS but are not marked in the ST column (exceeded final PDWS or screening level) are below the final PDWS in the database. Database results, the results that are compared to the final PDWS, contain more significant digits than the results given in this report. Apparent discrepancies are the result of the rounding of reported results.

In addition to the results tables, Appendix D provides definitions of the abbreviations and modifiers used in the results tables as well as descriptions of holding times, data rounding, and data qualification practices. Appendix E provides a general assessment of the quality and usability of EPD/EMS data.

Isoconcentration maps of chloroethene, trichloroethylene, and tritium for first and fourth quarters 1994, radium-226 for first quarter 1994, and total alpha-emitting radium for fourth quarter 1994 are presented in Figures 3 through 10 (Appendix C).

Time-Trend Data

Appendix F presents time series plots for benzene in wells LFW 8, 10A, and 36; chloroethene in wells LFW 8 and 48D; 1,4-dichlorobenzene in well LFW 7; dichloromethane in wells LFW 10A and 21; ethylbenzene in wells LFW 8, 10A, 22, and 48D; lead in well LFW 8; tetrachloroethylene in wells LFW 10A and 61D; 1,1,1-trichloroethane in wells LFW 39 and 61D; trichloroethylene in wells LFW 10A and 59D; trichlorofluoromethane in wells LFW 39, 58D, 61C, and 61D; tritium in well LFW 10A; and xylenes in wells LFW 21 and 22 in the Sanitary Landfill through fourth quarter 1994.

Water Levels

Hydrographs showing the water elevations through time for wells at the Sanitary Landfill are provided in Appendix G. The average water elevations in the Steed Pond Aquifer (Water Table) for each quarter of 1993 and 1994 are presented below. The installation of new wells during first quarter 1994 downgradient of the sanitary landfill may have influenced average water elevations.

Average Water Elevations at the Sanitary Landfill

Quarter	1993 Average Water Elevation (ft msl)	1994 Average Water Elevation (ft msl)
First	152.4	151.3
Second	153.0	147.5
Third	152.6	146.1
Fourth	151.5	145.9

Groundwater Flow Directions and Rates

Historically, the groundwater flow direction in the Steed Pond Aquifer (Water Table) hydrostratigraphic unit beneath the Sanitary Landfill has been to the southeast (universal transverse Mercator [UTM] coordinates) toward Upper Three Runs Creek. During first and fourth quarters 1994, the flow direction was to the southeast (Figures 11 and 12, Appendix C). Figure 13 presents the regional correlation of hydrostratigraphic and lithostratigraphic nomenclature.

Horizontal flow rate calculations provide estimates of the transport rate of constituents originating from the Sanitary Landfill. Flow rates are estimated using the following equation:

$$\text{Flow (ft/day)} = \frac{\text{Hydraulic Conductivity (ft/day)}}{\text{Porosity (unitless)}} \times \frac{dh \text{ (ft)}}{dl \text{ (ft)}}$$

where the hydraulic conductivity (Kh) constant is 10 ft/day (Geraghty & Miller, 1990), the effective porosity value is 20 percent, the change in head is dh , and the horizontal distance along each flow direction arrow is dl .

Flow path length is calculated to the nearest 50 ft. Flow rate per day is calculated to two significant figures, then multiplied by 365 and rounded to two significant figures for the flow rate per year. Flow rate estimates vary depending upon the vertical gradient between wells, the size of the area under consideration, the number of data points, and the length and location of the flow path. Because these are inferred or estimated parameters, flow rate estimates should be considered accurate to an order of magnitude only.

The approximate groundwater flow rate in the Steed Pond Aquifer (Water Table) during first quarter 1994 was estimated as follows (Figure 11, Appendix C):

$$\frac{10}{0.20} \times \frac{20}{2,650} \approx 0.38 \text{ ft/day}$$

$$0.38 \text{ ft/day} \times 365 \text{ days} \approx 140 \text{ ft/year}$$

The approximate groundwater flow rate in the Steed Pond Aquifer (Water Table) during fourth quarter 1994 is estimated as follows (Figure 12, Appendix C):

$$\frac{10}{0.20} \times \frac{20}{2,750} \approx 0.37 \text{ ft/day}$$

$$0.37 \text{ ft/day} \times 365 \text{ days} \approx 140 \text{ ft/year}$$

Upgradient Versus Downgradient Results

Wells LFW 43B, 43C, and 43D, at the northern end of the Sanitary Landfill, are designated up-gradient wells for the Steed Pond Aquifer (Water Table). All remaining Steed Pond Aquifer (Water Table) wells monitor downgradient or sidegradient water quality (Figures 2, 11, and 12, Appendix C). During 1994, no constituents exceeded the final PDWS in upgradient wells.

Benzene, chloroethene, 1,2-dichloroethane, 1,1-dichloroethylene, dichloromethane, 1,2-dichloropropane, gross alpha, mercury, nonvolatile beta, tetrachloroethylene, trichloroethylene, and tritium were elevated in one or more of the downgradient or sidegradient wells during the year.

1994 Summary

During first quarter 1994, 34 of the 89 LFW wells contained levels of benzene, chloroethene, 1,2-dichloroethane, 1,1-dichloroethylene, dichloromethane, gross alpha, mercury, nonvolatile beta, tetrachloroethylene, trichloroethylene, or tritium that exceeded the final PDWS. Elevated levels of dichloromethane and trichloroethylene occurred most frequently: dichloromethane exceeded the final PDWS in 21 wells, with the maximum concentration detected in well LFW 61C at 412 $\mu\text{g/L}$; trichloroethylene exceeded the PDWS in 14 wells, with the highest concentration in well LFW 61C at 30 $\mu\text{g/L}$. The remaining constituents were elevated in 9 or fewer wells during first quarter.

Elevated levels of benzene, chloroethene, 1,2-dichloroethane, dichloromethane, 1,2-dichloropropane, gross alpha, mercury, tetrachloroethylene, trichloroethylene, or tritium exceeded the final PDWS in one or more of 30 wells at the Sanitary Landfill during second quarter 1994. Trichloroethylene and dichloromethane occurred most frequently: trichloroethylene exceeded its final PDWS in 19 wells, with the highest concentration in well LFW 59D at 37 $\mu\text{g/L}$; dichloromethane was elevated in 17 wells, with a maximum concentration of 540 $\mu\text{g/L}$ in well LFW 61C. The remaining constituents were elevated in 9 or fewer wells during the quarter.

During third quarter 1994, 29 of the 89 LFW wells contained levels of benzene, chloroethene, 1,2-dichloroethane, 1,1-dichloroethylene, dichloromethane, gross alpha, mercury, tetrachloroethylene, trichloroethylene, or tritium that exceeded the final PDWS in the groundwater beneath the Sanitary Landfill. Trichloroethylene, chloroethene, and dichloromethane occurred most frequently: trichloroethylene was elevated in 18 wells, with the highest concentration found in well LFW 66D at 36 $\mu\text{g/L}$; chloroethene and dichloromethane were elevated in 13 wells each, with the maximum chloroethene concentration in well LFW 48D at 118 $\mu\text{g/L}$ and the maximum dichloromethane concentration in well LFW 22 at 451 $\mu\text{g/L}$. The remaining constituents were elevated in 7 or fewer wells during the quarter.

Elevated levels of benzene, chloroethene, 1,2-dichloroethane, 1,1-dichloroethylene, dichloromethane, 1,2-dichloropropane, gross alpha, mercury, tetrachloroethylene, trichloroethylene, or tritium were detected in 34 of the LFW wells at the Sanitary Landfill during fourth quarter 1994. As in previous quarters during the year, trichloroethylene and dichloromethane occurred most frequently: trichloroethylene exceeded its final PDWS in 20 wells, with the maximum concentration at 35 $\mu\text{g/L}$ in well LFW 40; dichloromethane exceeded the final PDWS in 19 wells, with a maximum concentration in well LFW 22 at 611 $\mu\text{g/L}$. The remaining constituents were elevated in 14 or fewer wells during the quarter.

The analytical results for 1994 are similar to the results during 1993, except for the occurrence during first quarter 1994 of elevated activities of nonvolatile beta. Elevated activities of nonvolatile beta were not reported during 1993. Chlorobenzene and lindane, reported infrequently during 1993, were not elevated in LFW wells during 1994. No constituents were above PDWS in the upgradient wells during 1994.

The groundwater flow direction in the Steed Pond Aquifer (Water Table) beneath the Sanitary Landfill is to the southeast (UTM coordinates) toward Upper Three Runs Creek. The flow rate in this aquifer during first and fourth quarters 1994 was estimated at approximately 140 ft/year. Flow directions and rates during 1994 were very similar to 1993 findings.

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Errata

Result values for earlier quarters presented in this report may differ from the values for those same quarters presented in earlier reports because some reanalyses may have been performed by the laboratories after the reports were printed.

Fourth Quarter 1993:

- Page 10: Trichlorofluoromethane was incorrectly identified as a breakdown product in the time series plot discussion.
- Page C-7, Figure 6: The correct constituent is total alpha-emitting radium.

First Quarter 1994 through Third Quarter 1994:

- No errata has been reported.

Appendix A

Final Primary Drinking Water Standards

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Final Primary Drinking Water Standards

Analyte	Unit	Level	Status	Source
Alachlor	µg/L	2	Final	EPA, 1993
Aldicarb ^a	µg/L	3	Final	EPA, 1993
Aldicarb sulfone ^a	µg/L	2	Final	EPA, 1993
Aldicarb sulfoxide ^a	µg/L	4	Final	EPA, 1993
Antimony	µg/L	6	Final	EPA, 1993
Arsenic	µg/L	50	Final	EPA, 1993
Asbestos	Fibers/L	7,000,000	Final	EPA, 1993
Atrazine	µg/L	3	Final	EPA, 1993
Barium	µg/L	2,000	Final	EPA, 1993
Benzene	µg/L	5	Final	EPA, 1993
Benzo[a]pyrene	µg/L	0.2	Final	EPA, 1993
Beryllium	µg/L	4	Final	EPA, 1993
Bis(2-ethylhexyl) phthalate	µg/L	6	Final	EPA, 1993
Bromodichloromethane	µg/L	100	Final	EPA, 1993
Bromoform	µg/L	100	Final	EPA, 1993
2-sec-Butyl-4,6-dinitrophenol	µg/L	7	Final	EPA, 1993
Cadmium	µg/L	5	Final	EPA, 1993
Carbofuran	µg/L	40	Final	EPA, 1993
Carbon tetrachloride	µg/L	5	Final	EPA, 1993
Chlordane	µg/L	2	Final	EPA, 1993
Chlorobenzene	µg/L	100	Final	EPA, 1993
Chloroethene (Vinyl chloride)	µg/L	2	Final	EPA, 1993
Chloroform	µg/L	100	Final	EPA, 1993
Chromium	µg/L	100	Final	EPA, 1993
Copper	µg/L	1,300	Final	EPA, 1993
Cyanide	µg/L	200	Final	EPA, 1993
Dalapon ^a	µg/L	200	Final	EPA, 1993
Dibromochloromethane	µg/L	100	Final	EPA, 1993
1,2-Dibromo-3-chloropropane	µg/L	0.2	Final	EPA, 1993
1,2-Dibromoethane	µg/L	0.05	Final	EPA, 1993
1,2-Dichlorobenzene	µg/L	600	Final	EPA, 1993
1,4-Dichlorobenzene	µg/L	75	Final	EPA, 1993
1,2-Dichloroethane	µg/L	5	Final	EPA, 1993
1,1-Dichloroethylene	µg/L	7	Final	EPA, 1993
1,2-Dichloroethylene	µg/L	50	Final	EPA, 1993
cis-1,2-Dichloroethylene	µg/L	70	Final	EPA, 1993
trans-1,2-Dichloroethylene	µg/L	100	Final	EPA, 1993
Dichloromethane (Methylene chloride)	µg/L	5	Final	EPA, 1993
2,4-Dichlorophenoxyacetic acid	µg/L	70	Final	EPA, 1993
1,2-Dichloropropane	µg/L	5	Final	EPA, 1993
Di(2-ethylhexyl) adipate ^a	µg/L	400	Final	EPA, 1993
Diquat dibromide ^a	µg/L	20	Final	EPA, 1993
Endothall ^a	µg/L	100	Final	EPA, 1993
Endrin	µg/L	2	Final	EPA, 1993
Ethylbenzene	µg/L	700	Final	EPA, 1993
Fluoride	µg/L	4,000	Final	EPA, 1993
Glyphosate ^a	µg/L	700	Final	EPA, 1993
Gross alpha ^b	pCi/L	1.5E+01	Final	EPA, 1993
Heptachlor	µg/L	0.4	Final	EPA, 1993
Heptachlor epoxide	µg/L	0.2	Final	EPA, 1993
Hexachlorobenzene	µg/L	1	Final	EPA, 1993
Hexachlorocyclopentadiene	µg/L	50	Final	EPA, 1993
Lead	µg/L	50	Final	SCDHEC, 1981

Analyte	Unit	Level	Status	Source
Lindane	µg/L	0.2	Final	EPA, 1993
Mercury	µg/L	2	Final	EPA, 1993
Methoxychlor	µg/L	40	Final	EPA, 1993
Nickel	µg/L	100	Final	EPA, 1993
Nitrate as nitrogen	µg/L	10,000	Final	EPA, 1993
Nitrate-nitrite as nitrogen	µg/L	10,000	Final	EPA, 1993
Nitrite as nitrogen	µg/L	1,000	Final	EPA, 1993
Nonvolatile beta	pCi/L	5E+01	Interim Final	EPA, 1977
Oxamyl ^a	µg/L	200	Final	EPA, 1993
PCB 1016	µg/L	0.5	Final	EPA, 1993
PCB 1221	µg/L	0.5	Final	EPA, 1993
PCB 1232	µg/L	0.5	Final	EPA, 1993
PCB 1242	µg/L	0.5	Final	EPA, 1993
PCB 1248	µg/L	0.5	Final	EPA, 1993
PCB 1254	µg/L	0.5	Final	EPA, 1993
PCB 1260	µg/L	0.5	Final	EPA, 1993
PCB 1262	µg/L	0.5	Final	EPA, 1993
Pentachlorophenol	µg/L	1	Final	EPA, 1993
Picloram ^a	µg/L	500	Final	EPA, 1993
Selenium	µg/L	50	Final	EPA, 1993
Simazine ^a	µg/L	4	Final	EPA, 1993
Strontium-89/90 ^c	pCi/L	8E+00	Final	EPA, 1993
Strontium-90	pCi/L	8E+00	Final	EPA, 1993
Styrene	µg/L	100	Final	EPA, 1993
2,3,7,8-TCDD	µg/L	0.00003	Final	EPA, 1993
Tetrachloroethylene	µg/L	5	Final	EPA, 1993
Thallium	µg/L	2	Final	EPA, 1993
Toluene	µg/L	1,000	Final	EPA, 1993
Toxaphene	µg/L	3	Final	EPA, 1993
2,4,5-TP (Silvex)	µg/L	50	Final	EPA, 1993
1,2,4-Trichlorobenzene	µg/L	70	Final	EPA, 1993
1,1,1-Trichloroethane	µg/L	200	Final	EPA, 1993
1,1,2-Trichloroethane	µg/L	5	Final	EPA, 1993
Trichloroethylene	µg/L	5	Final	EPA, 1993
Tritium	pCi/mL	2E+01	Final	EPA, 1993
Xylenes	µg/L	10,000	Final	EPA, 1993

Note: Final PDWS were assigned to alachlor, aldicarb, aldicarb sulfone, aldicarb sulfoxide, atrazine, carbofuran, dalapon, di(2-ethylhexyl) adipate, diquat dibromide, endothall, glyphosate, oxamyl, picloram, and simazine in the SRS Groundwater Monitoring Program for the first time beginning first quarter 1994.

^a At present, EMS does not perform this analysis because the constituent is not in the current contract.

^b The standard given is for gross alpha including radium-226 but excluding radon and uranium.

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

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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 pH and specific conductance. No flags are set for alkalinity, calcium, carbonate, magnesium, potassium, silica, sodium, total dissolved solids, total phosphates (as P), and total phosphorus. Analyses for these parameters are conducted as part of the biennial comprehensive analyses or by special request.
- Aesthetic parameters such as color, corrosivity, Eh, odor, surfactants, and turbidity are not assigned flagging criteria but are analyzed by special request.
- Common laboratory contaminants and cleaners such as dichloromethane (methylene chloride), ketones, phthalates, and toluene are not assigned flagging criteria unless they have primary drinking water standards. These constituents are analyzed by special request.

Analyte	Unit	Flag 1	Flag 2	Source ^a
Acenaphthene	µg/L	50	100	EPA Method 8270
Acenaphthylene	µg/L	50	100	EPA Method 8270
Acetone	µg/L	500	1,000	EPA Method 8240
Acetonitrile (Methyl cyanide)	µg/L	500	1,000	EPA Method 8240
Acetophenone	µg/L	50	100	EPA Method 8270
2-Acetylaminofluorene	µg/L	50	100	EPA Method 8270
Acrolein	µg/L	100	200	EPA Method 8240
Acrylonitrile	µg/L	100	200	EPA Method 8240
Actinium-228	pCi/L	1.64E+03	3.27E+03	Proposed PDWS (EPA, 1991)
Alachlor	µg/L	1	2	Final PDWS (EPA, 1993a)
Aldicarb ^b	µg/L	1.5	3	Final PDWS (EPA, 1993a)
Aldicarb sulfone ^b	µg/L	1	2	Final PDWS (EPA, 1993a)
Aldicarb sulfoxide ^b	µg/L	2	4	Final PDWS (EPA, 1993a)
Aldrin	µg/L	0.25	0.5	EPA Method 8080
Alkalinity (as CaCO ₃)		No flag	No flag	Set by EPD/EMS
Allyl chloride	µg/L	250	500	EPA Method 8240
Aluminum	µg/L	25	50	SDWS (EPA, 1993b)
Aluminum, dissolved	µg/L	25	50	SDWS (EPA, 1993b)
Aluminum, total recoverable	µg/L	25	50	SDWS (EPA, 1993b)

Analyte	Unit	Flag 1	Flag 2	Source
Americium-241	pCi/L	3.17E+00	6.34E+00	Proposed PDWS (EPA, 1991)
Americium-243	pCi/L	3.19E+00	6.37E+00	Proposed PDWS (EPA, 1991)
4-Aminobiphenyl	µg/L	50	100	EPA Method 8270
Ammonia	µg/L	500	1,000	APHA Method 417B
Ammonia nitrogen	µg/L	500	1,000	EPA Method 350.1
Aniline	µg/L	50	100	EPA Method 8270
Anthracene	µg/L	50	100	EPA Method 8270
Antimony	µg/L	3	6	Final PDWS (EPA, 1993a)
Antimony, dissolved	µg/L	3	6	Final PDWS (EPA, 1993a)
Antimony, total recoverable	µg/L	3	6	Final PDWS (EPA, 1993a)
Antimony-125	pCi/L	1.5E+02	3E+02	Interim Final PDWS (EPA, 1977)
Aramite	µg/L	50	100	EPA Method 8270
Arsenic	µg/L	25	50	Final PDWS (EPA, 1993a)
Arsenic, dissolved	µg/L	25	50	Final PDWS (EPA, 1993a)
Arsenic, total recoverable	µg/L	25	50	Final PDWS (EPA, 1993a)
Asbestos	Fibers/L	3,500,000	7,000,000	Final PDWS (EPA, 1993a)
Atrazine	µg/L	1.5	3	Final PDWS (EPA, 1993a)
Azobenzene	µg/L	50	100	EPA Method 625
Barium	µg/L	1,000	2,000	Final PDWS (EPA, 1993a)
Barium, dissolved	µg/L	1,000	2,000	Final PDWS (EPA, 1993a)
Barium, total recoverable	µg/L	1,000	2,000	Final PDWS (EPA, 1993a)
Barium-140 ^c	pCi/L	4.5E+01	9E+01	Interim Final PDWS (EPA, 1977)
Benzene	µg/L	2.5	5	Final PDWS (EPA, 1993a)
alpha-Benzene hexachloride	µg/L	0.25	0.5	EPA Method 8080
beta-Benzene hexachloride	µg/L	0.25	0.5	EPA Method 8080
delta-Benzene hexachloride	µg/L	0.25	0.5	EPA Method 8080
Benzidine	µg/L	250	500	EPA Method 8270
Benzo[a]anthracene	µg/L	0.05	0.1	Proposed PDWS (EPA, 1990)
Benzo[b]fluoranthene	µg/L	0.1	0.2	Proposed PDWS (EPA, 1990)
Benzo[k]fluoranthene	µg/L	0.1	0.2	Proposed PDWS (EPA, 1990)
Benzoic acid	µg/L	250	500	EPA Method 8270
Benzo[g,h,i]perylene	µg/L	50	100	EPA Method 8270
Benzo[a]pyrene	µg/L	0.1	0.2	Final PDWS (EPA, 1993a)
1,4-Benzoquinone	µg/L	50	100	EPA Method 8270
Benzyl alcohol	µg/L	50	100	EPA Method 8270
Beryllium	µg/L	2	4	Final PDWS (EPA, 1993a)
Beryllium, dissolved	µg/L	2	4	Final PDWS (EPA, 1993a)
Beryllium, total recoverable	µg/L	2	4	Final PDWS (EPA, 1993a)
Beryllium-7	pCi/L	3E+03	6E+03	Interim Final PDWS (EPA, 1977)
Bis(2-chloroethoxy) methane	µg/L	50	100	EPA Method 8270
Bis(2-chloroethyl) ether	µg/L	50	100	EPA Method 8270
Bis(2-chloroisopropyl) ether	µg/L	50	100	EPA Method 8270
Bis(chloromethyl) ether	µg/L	50	100	EPA Method 8270
Bis(2-ethylhexyl) phthalate	µg/L	3	6	Final PDWS (EPA, 1993a)
Bismuth-214	pCi/L	9.4E+03	1.89E+04	Proposed PDWS (EPA, 1991)
Boron	µg/L	150	300	EPA Method 6010
Boron, dissolved	µg/L	150	300	EPA Method 6010
Boron, total recoverable	µg/L	150	300	EPA Method 6010
Bromide	µg/L	5,000	10,000	EPA Method 300.0
Bromodichloromethane	µg/L	50	100	Final PDWS (EPA, 1993a)
Bromoform	µg/L	50	100	Final PDWS (EPA, 1993a)
Bromomethane (Methyl bromide)	µg/L	5	10	EPA Method 8240
4-Bromophenyl phenyl ether	µg/L	50	100	EPA Method 8270
Butylbenzyl phthalate		No flag	No flag	Set by EPD/EMS
2-sec-Butyl-4,6-dinitrophenol	µg/L	3.5	7	Final PDWS (EPA, 1993a)

Analyte	Unit	Flag 1	Flag 2	Source
Cadmium	µg/L	2.5	5	Final PDWS (EPA, 1993a)
Cadmium, dissolved	µg/L	2.5	5	Final PDWS (EPA, 1993a)
Cadmium, total recoverable	µg/L	2.5	5	Final PDWS (EPA, 1993a)
Calcium		No flag	No flag	Set by EPD/EMS
Calcium, dissolved		No flag	No flag	Set by EPD/EMS
Calcium, total recoverable		No flag	No flag	Set by EPD/EMS
Carbofuran	µg/L	20	40	Final PDWS (EPA, 1993a)
Carbon-14	pCi/L	1E+03	2E+03	Interim Final PDWS (EPA, 1977)
Carbonate		No flag	No flag	Set by EPD/EMS
Carbon disulfide	µg/L	5	10	EPA Method 8240
Carbon tetrachloride	µg/L	2.5	5	Final PDWS (EPA, 1993a)
Cerium-141 ^c	pCi/L	1.5E+02	3E+02	Interim Final PDWS (EPA, 1977)
Cerium-144	pCi/L	1.31E+02	2.61E+02	Proposed PDWS (EPA, 1991)
Cesium-134 ^d	pCi/L	4.07E+01	8.13E+01	Proposed PDWS (EPA, 1991)
Cesium-137	pCi/L	1E+02	2E+02	Interim Final PDWS (EPA, 1977)
Chlordane	µg/L	1	2	Final PDWS (EPA, 1993a)
Chloride	µg/L	125,000	250,000	SDWS (EPA, 1993b)
4-Chloroaniline	µg/L	50	100	EPA Method 8270
Chlorobenzene	µg/L	50	100	Final PDWS (EPA, 1993a)
Chlorobenzilate	µg/L	50	100	EPA Method 8270
4-Chloro-m-cresol	µg/L	50	100	EPA Method 8270
Chloroethane	µg/L	5	10	EPA Method 8240
Chloroethene (Vinyl chloride)	µg/L	1	2	Final PDWS (EPA, 1993a)
Chloroethyl vinyl ether	µg/L	5	10	EPA Method 8240
2-Chloroethyl vinyl ether	µg/L	5	10	EPA Method 8240
Chloroform	µg/L	50	100	Final PDWS (EPA, 1993a)
Chloromethane (Methyl chloride)	µg/L	5	10	EPA Method 8240
2-Chloronaphthalene	µg/L	50	100	EPA Method 8240
2-Chlorophenol	µg/L	50	100	EPA Method 8270
4-Chlorophenyl phenyl ether	µg/L	50	100	EPA Method 8270
Chloroprene	µg/L	1,000	2,000	EPA Method 8240
Chromium	µg/L	50	100	Final PDWS (EPA, 1993a)
Chromium, dissolved	µg/L	50	100	Final PDWS (EPA, 1993a)
Chromium, total recoverable	µg/L	50	100	Final PDWS (EPA, 1993a)
Chromium-51 ^c	pCi/L	3E+03	6E+03	Interim Final PDWS (EPA, 1977)
Chrysene	µg/L	0.1	0.2	Proposed PDWS (EPA, 1990)
Cobalt	µg/L	20	40	EPA Method 6010
Cobalt, dissolved	µg/L	20	40	EPA Method 6010
Cobalt, total recoverable	µg/L	20	40	EPA Method 6010
Cobalt-57	pCi/L	5E+02	1E+03	Interim Final PDWS (EPA, 1977)
Cobalt-58 ^d	pCi/L	4.5E+03	9E+03	Interim Final PDWS (EPA, 1977)
Cobalt-60	pCi/L	5E+01	1E+02	Interim Final PDWS (EPA, 1977)
Color		No flag	No flag	Set by EPD/EMS
Copper	µg/L	500	1,000	Final PDWS (SCDHEC, 1981)
Copper, dissolved	µg/L	500	1,000	Final PDWS (SCDHEC, 1981)
Copper, total recoverable	µg/L	500	1,000	Final PDWS (SCDHEC, 1981)
Corrosivity		No flag	No flag	Set by EPD/EMS
m-Cresol (3-Methylphenol)	µg/L	50	100	EPA Method 8270
o-Cresol (2-Methylphenol)	µg/L	50	100	EPA Method 8270
p-Cresol (4-Methylphenol)	µg/L	50	100	EPA Method 8270
Curium-242	pCi/L	6.65E+01	1.33E+02	Proposed PDWS (EPA, 1991)
Curium-243	pCi/L	4.15E+00	8.3E+00	Proposed PDWS (EPA, 1991)
Curium-243/244 ^e	pCi/L	4.15E+00	8.3E+00	Proposed PDWS (EPA, 1991)
Curium-244	pCi/L	4.92E+00	9.84E+00	Proposed PDWS (EPA, 1991)
Curium-245/246 ^e	pCi/L	3.12E+00	6.23E+00	Proposed PDWS (EPA, 1991)

Analyte	Unit	Flag 1	Flag 2	Source
Curium-246	pCi/L	3.14E+00	6.27E+00	Proposed PDWS (EPA, 1991)
Cyanide	µg/L	100	200	Final PDWS (EPA, 1993a)
Dalapon ^b	µg/L	100	200	Final PDWS (EPA, 1993a)
p,p'-DDD	µg/L	0.5	1	EPA Method 8080
p,p'-DDE	µg/L	0.5	1	EPA Method 8080
p,p'-DDT	µg/L	0.5	1	EPA Method 8080
Diallate	µg/L	50	100	EPA Method 8270
Dibenz[a,h]anthracene	µg/L	0.15	0.3	Proposed PDWS (EPA, 1990)
Dibenzofuran	µg/L	50	100	EPA Method 8270
Dibromochloromethane	µg/L	50	100	Final PDWS (EPA, 1993a)
1,2-Dibromo-3-chloropropane	µg/L	0.1	0.2	Final PDWS (EPA, 1993a)
1,2-Dibromoethane	µg/L	0.025	0.05	Final PDWS (EPA, 1993a)
Dibromomethane (Methylene bromide)	µg/L	5	10	EPA Method 8240
Di-n-butyl phthalate		No flag	No flag	Set by EPD/EMS
1,2-Dichlorobenzene	µg/L	300	600	Final PDWS (EPA, 1993a)
1,3-Dichlorobenzene	µg/L	50	100	EPA Method 8270
1,4-Dichlorobenzene	µg/L	37.5	75	Final PDWS (EPA, 1993a)
3,3'-Dichlorobenzidine	µg/L	50	100	EPA Method 8270
trans-1,4-Dichloro-2-butene	µg/L	150	300	EPA Method 8240
Dichlorodifluoromethane	µg/L	5	10	EPA Method 8240
1,1-Dichloroethane	µg/L	5	10	EPA Method 8240
1,2-Dichloroethane	µg/L	2.5	5	Final PDWS (EPA, 1993a)
1,1-Dichloroethylene	µg/L	3.5	7	Final PDWS (EPA, 1993a)
1,2-Dichloroethylene	µg/L	25	50	Final PDWS (EPA, 1993a)
cis-1,2-Dichloroethylene	µg/L	35	70	Final PDWS (EPA, 1993a)
trans-1,2-Dichloroethylene	µg/L	50	100	Final PDWS (EPA, 1993a)
Dichloromethane (Methylene chloride)	µg/L	2.5	5	Final PDWS (EPA, 1993a)
2,4-Dichlorophenol	µg/L	50	100	EPA Method 8270
2,6-Dichlorophenol	µg/L	50	100	EPA Method 8270
2,4-Dichlorophenoxyacetic acid	µg/L	35	70	Final PDWS (EPA, 1993a)
1,2-Dichloropropane	µg/L	2.5	5	Final PDWS (EPA, 1993a)
cis-1,3-Dichloropropene	µg/L	5	10	EPA Method 8240
trans-1,3-Dichloropropene	µg/L	5	10	EPA Method 8240
Dieldrin	µg/L	2.5	5	EPA Method 8080
Di(2-ethylhexyl) adipate	µg/L	200	400	Final PDWS (EPA, 1993a)
Diethyl phthalate		No flag	No flag	Set by EPD/EMS
Dimethoate	µg/L	50	100	EPA Method 8270
p-Dimethylaminoazobenzene	µg/L	50	100	EPA Method 8270
p-(Dimethylamino)ethylbenzene	µg/L	50	100	EPA Method 8270
7,12-Dimethylbenz[a]anthracene	µg/L	50	100	EPA Method 8270
3,3'-Dimethylbenzidine	µg/L	50	100	EPA Method 8270
a,a-Dimethylphenethylamine	µg/L	50	100	EPA Method 8270
2,4-Dimethyl phenol	µg/L	50	100	EPA Method 8270
Dimethyl phthalate		No flag	No flag	Set by EPD/EMS
1,3-Dinitrobenzene	µg/L	50	100	EPA Method 8270
2,4-Dinitrophenol	µg/L	250	500	EPA Method 8270
2,4-Dinitrotoluene	µg/L	50	100	EPA Method 8270
2,6-Dinitrotoluene	µg/L	50	100	EPA Method 8270
Di-n-octyl phthalate		No flag	No flag	Set by EPD/EMS
1,4-Dioxane	µg/L	50	100	EPA Method 8270
Diphenylamine	µg/L	50	100	EPA Method 8270
1,2-Diphenylhydrazine	µg/L	50	100	EPA Method 8270
Diquat dibromide ^b	µg/L	10	20	Final PDWS (EPA, 1993a)

Analyte	Unit	Flag 1	Flag 2	Source
Dissolved organic carbon	µg/L	5,000	10,000	EPA Method 9060
Disulfoton	µg/L	50	100	EPA Method 8270
Eh		No flag	No flag	Set by EPD/EMS
Endosulfan I	µg/L	0.5	1	EPA Method 8080
Endosulfan II	µg/L	0.5	1	EPA Method 8080
Endosulfan sulfate	µg/L	0.5	1	EPA Method 8080
Endothall ^b	µg/L	50	100	Final PDWS (EPA, 1993a)
Endrin	µg/L	1	2	Final PDWS (EPA, 1993a)
Endrin aldehyde	µg/L	0.5	1	EPA Method 8080
Endrin ketone		No flag	No flag	Set by EPD/EMS
Ethylbenzene	µg/L	350	700	Final PDWS (EPA, 1993a)
Ethyl methacrylate	µg/L	50	100	EPA Method 8270
Ethyl methanesulfonate	µg/L	50	100	EPA Method 8270
Europium-152	pCi/L	3E+01	6E+01	Interim Final PDWS (EPA, 1977)
Europium-154	pCi/L	1E+02	2E+02	Interim Final PDWS (EPA, 1977)
Europium-155	pCi/L	3E+02	6E+02	Interim Final PDWS (EPA, 1977)
Famphur	µg/L	50	100	EPA Method 8270
Fluoranthene	µg/L	50	100	EPA Method 8270
Fluorene	µg/L	50	100	EPA Method 8270
Fluoride	µg/L	2,000	4,000	Final PDWS (EPA, 1993a)
Glyphosate ^b	µg/L	350	700	Final PDWS (EPA, 1993a)
Gross alpha	pCi/L	7.5E+00	1.5E+01	Final PDWS (EPA, 1993a)
Heptachlor	µg/L	0.2	0.4	Final PDWS (EPA, 1993a)
Heptachlor epoxide	µg/L	0.1	0.2	Final PDWS (EPA, 1993a)
Heptachlorodibenzo-p-dioxin isomers	µg/L	0.00325	0.0065	EPA Method 8280
1,2,3,4,6,7,8-HPCDD	µg/L	0.00325	0.0065	EPA Method 8280
Heptachlorodibenzo-p-furan isomers	µg/L	0.00225	0.0045	EPA Method 8280
1,2,3,4,6,7,8-HPCDF	µg/L	0.00225	0.0045	EPA Method 8280
Hexachlorobenzene	µg/L	0.5	1	Final PDWS (EPA, 1993a)
Hexachlorobutadiene	µg/L	50	100	EPA Method 8270
Hexachlorocyclopentadiene	µg/L	25	50	Final PDWS (EPA, 1993a)
Hexachlorodibenzo-p-dioxin isomers	µg/L	0.00225	0.0045	EPA Method 8280
1,2,3,4,7,8-HXCDD	µg/L	0.00225	0.0045	EPA Method 8280
Hexachlorodibenzo-p-furan isomers	µg/L	0.002	0.004	EPA Method 8280
1,2,3,4,7,8-HXCDF	µg/L	0.002	0.004	EPA Method 8280
Hexachloroethane	µg/L	50	100	EPA Method 8270
Hexachlorophene	µg/L	250	500	EPA Method 8270
Hexachloropropene	µg/L	50	100	EPA Method 8270
2-Hexanone	µg/L	50	100	EPA Method 8240
Indeno[1,2,3-c,d]pyrene	µg/L	50	100	EPA Method 8270
Iodine	µg/L	250	500	APHA Method 415A
Iodine-129	pCi/L	5E-01	1E+00	Interim Final PDWS (EPA, 1977)
Iodine-131 ^c	pCi/L	1.5E+00	3E+00	Interim Final PDWS (EPA, 1977)
Iodomethane (Methyl iodide)	µg/L	75	150	EPA Method 8240
Iron	µg/L	150	300	SDWS (EPA, 1993b)
Iron, dissolved	µg/L	150	300	SDWS (EPA, 1993b)
Iron, total recoverable	µg/L	150	300	SDWS (EPA, 1993b)
Iron-55 ^c	pCi/L	1E+03	2E+03	Interim Final PDWS (EPA, 1977)
Iron-59 ^c	pCi/L	1E+02	2E+02	Interim Final PDWS (EPA, 1977)
Isobutyl alcohol	µg/L	500	1,000	EPA Method 8240
Isodrin	µg/L	50	100	EPA Method 8270

Analyte	Unit	Flag 1	Flag 2	Source
Isophorone	µg/L	50	100	EPA Method 8270
Isosafrole	µg/L	50	100	EPA Method 8270
Kepone	µg/L	50	100	EPA Method 8270
Lanthanum-140 ^c	pCi/L	3E+01	6E+01	Interim Final PDWS (EPA, 1977)
Lead	µg/L	25	50	Final PDWS (SCDHEC, 1981)
Lead, dissolved	µg/L	25	50	Final PDWS (SCDHEC, 1981)
Lead, total recoverable	µg/L	25	50	Final PDWS (SCDHEC, 1981)
Lead-212	pCi/L	6.2E+01	1.23E+02	Proposed PDWS (EPA, 1991)
Lindane	µg/L	0.1	0.2	Final PDWS (EPA, 1993a)
Lithium	µg/L	25	50	EPA Method 6010
Lithium, dissolved	µg/L	25	50	EPA Method 6010
Lithium, total recoverable	µg/L	25	50	EPA Method 6010
Magnesium		No flag	No flag	Set by EPD/EMS
Magnesium, dissolved		No flag	No flag	Set by EPD/EMS
Magnesium, total recoverable		No flag	No flag	Set by EPD/EMS
Manganese	µg/L	25	50	SDWS (EPA, 1993b)
Manganese, dissolved	µg/L	25	50	SDWS (EPA, 1993b)
Manganese, total recoverable	µg/L	25	50	SDWS (EPA, 1993b)
Manganese-54	pCi/L	1.5E+02	3E+02	Interim Final PDWS (EPA, 1977)
Mercury	µg/L	1	2	Final PDWS (EPA, 1993a)
Mercury, dissolved	µg/L	1	2	Final PDWS (EPA, 1993a)
Mercury, total recoverable	µg/L	1	2	Final PDWS (EPA, 1993a)
Methacrylonitrile	µg/L	250	500	EPA Method 8240
Methapyrilene	µg/L	50	100	EPA Method 8270
Methoxychlor	µg/L	20	40	Final PDWS (EPA, 1993a)
3-Methylcholanthrene	µg/L	50	100	EPA Method 8270
2-Methyl-4,6-dinitrophenol	µg/L	250	500	EPA Method 8270
Methyl ethyl ketone		No flag	No flag	Set by EPD/EMS
Methyl isobutyl ketone		No flag	No flag	Set by EPD/EMS
Methyl methacrylate	µg/L	50	100	EPA Method 8270
Methyl methanesulfonate	µg/L	50	100	EPA Method 8270
2-Methylnaphthalene	µg/L	50	100	EPA Method 8270
Molybdenum	µg/L	250	500	EPA Method 6010
Molybdenum, dissolved	µg/L	250	500	EPA Method 6010
Molybdenum, total recoverable	µg/L	250	500	EPA Method 6010
Naphthalene	µg/L	50	100	EPA Method 8270
1,4-Naphthoquinone	µg/L	50	100	EPA Method 8270
1-Naphthylamine	µg/L	50	100	EPA Method 8270
2-Naphthylamine	µg/L	50	100	EPA Method 8270
Neptunium-237	pCi/L	3.53E+00	7.06E+00	Proposed PDWS (EPA, 1991)
Nickel	µg/L	50	100	Final PDWS (EPA, 1993a)
Nickel, dissolved	µg/L	50	100	Final PDWS (EPA, 1993a)
Nickel, total recoverable	µg/L	50	100	Final PDWS (EPA, 1993a)
Nickel-59 ^c	pCi/L	1.5E+02	3E+02	Interim Final PDWS (EPA, 1977)
Nickel-63 ^c	pCi/L	2.5E+01	5E+01	Interim Final PDWS (EPA, 1977)
Niobium-95 ^c	pCi/L	1.5E+02	3E+02	Interim Final PDWS (EPA, 1977)
Nitrate as nitrogen	µg/L	5,000	10,000	Final PDWS (EPA, 1993a)
Nitrate-nitrite as nitrogen	µg/L	5,000	10,000	Final PDWS (EPA, 1993a)
Nitrite as nitrogen	µg/L	500	1,000	Final PDWS (EPA, 1993a)
m-Nitroaniline	µg/L	50	100	EPA Method 8270
o-Nitroaniline	µg/L	50	100	EPA Method 8270
p-Nitroaniline	µg/L	50	100	EPA Method 8270
Nitrobenzene	µg/L	50	100	EPA Method 8270
Nitrogen by Kjeldahl method	µg/L	500	1,000	EPA Method 351.2
2-Nitrophenol	µg/L	50	100	EPA Method 8270

Analyte	Unit	Flag 1	Flag 2	Source
4-Nitrophenol	µg/L	50	100	EPA Method 8270
4-Nitroquinoline-1-oxide	µg/L	50	100	EPA Method 8270
N-Nitrosodi-n-butylamine	µg/L	50	100	EPA Method 8270
N-Nitrosodiethylamine	µg/L	50	100	EPA Method 8270
N-Nitrosodimethylamine	µg/L	50	100	EPA Method 8270
N-Nitrosodiphenylamine	µg/L	50	100	EPA Method 8270
N-Nitrosodipropylamine	µg/L	50	100	EPA Method 8270
N-Nitrosomethylethylamine	µg/L	50	100	EPA Method 8270
N-Nitrosomorpholine	µg/L	50	100	EPA Method 8270
N-Nitrosopiperidine	µg/L	50	100	EPA Method 8270
N-Nitrosopyrrolidine	µg/L	50	100	EPA Method 8270
5-Nitro-o-toluidine	µg/L	50	100	EPA Method 8270
Nonvolatile beta	pCi/L	2.5E+01	5E+01	Interim Final PDWS (EPA, 1977)
Octachlorodibenzo-p-dioxin isomers	µg/L	0.005	0.01	EPA Method 8280
Octachlorodibenzo-p-furan isomers	µg/L	0.005	0.01	EPA Method 8280
Odor		No flag	No flag	Set by EPD/EMS
Oil & Grease	µg/L	5,000	10,000	EPA Method 413.1
Oxamyl ^b	µg/L	100	200	Final PDWS (EPA, 1993a)
Parathion	µg/L	0.25	0.5	EPA Method 8080
Parathion methyl	µg/L	0.25	0.5	EPA Method 8080
PCB 1016	µg/L	0.25	0.5	Final PDWS (EPA, 1993a)
PCB 1221	µg/L	0.25	0.5	Final PDWS (EPA, 1993a)
PCB 1232	µg/L	0.25	0.5	Final PDWS (EPA, 1993a)
PCB 1242	µg/L	0.25	0.5	Final PDWS (EPA, 1993a)
PCB 1248	µg/L	0.25	0.5	Final PDWS (EPA, 1993a)
PCB 1254	µg/L	0.25	0.5	Final PDWS (EPA, 1993a)
PCB 1260	µg/L	0.25	0.5	Final PDWS (EPA, 1993a)
PCB 1262	µg/L	0.25	0.5	Final PDWS (EPA, 1993a)
Pentachlorobenzene	µg/L	50	100	EPA Method 8270
Pentachlorodibenzo-p-dioxin isomers	µg/L	0.00275	0.0055	EPA Method 8280
1,2,3,7,8-PCDD	µg/L	0.00275	0.0055	EPA Method 8280
Pentachlorodibenzo-p-furan isomers	µg/L	0.00275	0.0055	EPA Method 8280
1,2,3,7,8-PCDF	µg/L	0.00275	0.0055	EPA Method 8280
Pentachloroethane	µg/L	50	100	EPA Method 8270
Pentachloronitrobenzene	µg/L	50	100	EPA Method 8270
Pentachlorophenol	µg/L	0.5	1	Final PDWS (EPA, 1993a)
pH	pH	8	10	Set by EPD/EMS
pH	pH	4	3	Set by EPD/EMS
Phenacetin	µg/L	50	100	EPA Method 8270
Phenanthrene	µg/L	50	100	EPA Method 8270
Phenol	µg/L	50	100	EPA Method 8270
Phenols	µg/L	25	50	EPA Method 420.1
p-Phenylenediamine	µg/L	50	100	EPA Method 8270
Phorate	µg/L	0.5	1	EPA Method 8080
Picloram ^b	µg/L	250	500	Final PDWS (EPA, 1993a)
2-Picoline	µg/L	50	100	EPA Method 8270
Plutonium-238	pCi/L	3.51E+00	7.02E+00	Proposed PDWS (EPA, 1991)
Plutonium-239	pCi/L	3.11E+01	6.21E+01	Proposed PDWS (EPA, 1991)
Plutonium-239/240 ^e	pCi/L	3.11E+01	6.21E+01	Proposed PDWS (EPA, 1991)
Plutonium-240	pCi/L	3.11E+01	6.22E+01	Proposed PDWS (EPA, 1991)
Plutonium-241 ^c	pCi/L	3.13E+01	6.26E+01	Proposed PDWS (EPA, 1991)

Analyte	Unit	Flag 1	Flag 2	Source
Plutonium-242 ^c	pCi/L	3.27E+01	6.54E+01	Proposed PDWS (EPA, 1991)
Potassium		No flag	No flag	Set by EPD/EMS
Potassium, dissolved		No flag	No flag	Set by EPD/EMS
Potassium, total recoverable		No flag	No flag	Set by EPD/EMS
Potassium-40	pCi/L	1.5E+02	3E+02	Proposed PDWS (EPA, 1986)
Promethium-144	pCi/L	5E+01	1E+02	EPA Method 901.1
Promethium-146	pCi/L	5E+01	1E+02	EPA Method 901.1
Promethium-147	pCi/L	2.62E+03	5.24E+03	Proposed PDWS (EPA, 1991)
Pronamid	µg/L	50	100	EPA Method 8270
Propionitrile	µg/L	1,000	2,000	EPA Method 8240
Pyrene	µg/L	50	100	EPA Method 8270
Pyridine	µg/L	50	100	EPA Method 8270
Radium (alpha-emitting) ^f	pCi/L	1E+01	2E+01	Proposed PDWS (EPA, 1991)
Radium-226	pCi/L	1E+01	2E+01	Proposed PDWS (EPA, 1991)
Radium-228	pCi/L	1E+01	2E+01	Proposed PDWS (EPA, 1991)
Radon-222	pCi/L	1.5E+02	3E+02	Proposed PDWS (EPA, 1991)
Ruthenium-103 ^c	pCi/L	1E+02	2E+02	Interim Final PDWS (EPA, 1977)
Ruthenium-106	pCi/L	1.5E+01	3E+01	Interim Final PDWS (EPA, 1977)
Safrole	µg/L	50	100	EPA Method 8270
Selenium	µg/L	25	50	Final PDWS (EPA, 1993a)
Selenium, dissolved	µg/L	25	50	Final PDWS (EPA, 1993a)
Selenium, total recoverable	µg/L	25	50	Final PDWS (EPA, 1993a)
Silica		No flag	No flag	Set by EPD/EMS
Silica, dissolved		No flag	No flag	Set by EPD/EMS
Silica, total recoverable		No flag	No flag	Set by EPD/EMS
Silver	µg/L	50	100	SDWS (EPA, 1993b)
Silver, dissolved	µg/L	50	100	SDWS (EPA, 1993b)
Silver, total recoverable	µg/L	50	100	SDWS (EPA, 1993b)
Simazine ^b	µg/L	2	4	Final PDWS (EPA, 1993a)
Sodium		No flag	No flag	Set by EPD/EMS
Sodium, dissolved		No flag	No flag	Set by EPD/EMS
Sodium, total recoverable		No flag	No flag	Set by EPD/EMS
Sodium-22	pCi/L	2.33E+02	4.66E+02	Proposed PDWS (EPA, 1991)
Specific conductance	µS/cm	250	500	Set by EPD/EMS
Strontium-89	pCi/L	1E+01	2E+01	Interim Final PDWS (EPA, 1977)
Strontium-89/90 ^e	pCi/L	4E+00	8E+00	Final PDWS (EPA, 1993a)
Strontium-90	pCi/L	4E+00	8E+00	Final PDWS (EPA, 1993a)
Styrene	µg/L	50	100	Final PDWS (EPA, 1993a)
Sulfate	µg/L	200,000	400,000	Proposed PDWS (EPA, 1990)
Sulfide	µg/L	5,000	10,000	EPA Method 9030
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)

Analyte	Unit	Flag 1	Flag 2	Source
Thallium, dissolved	µg/L	1	2	Final PDWS (EPA, 1993a)
Thallium, total recoverable	µg/L	1	2	Final PDWS (EPA, 1993a)
Thionazin	µg/L	50	100	EPA Method 8270
Thorium-228	pCi/L	6.25E+01	1.25E+02	Proposed PDWS (EPA, 1991)
Thorium-230	pCi/L	3.96E+01	7.92E+01	Proposed PDWS (EPA, 1991)
Thorium-232	pCi/L	4.4E+01	8.8E+01	Proposed PDWS (EPA, 1991)
Thorium-234	pCi/L	2E+02	4.01E+02	Proposed PDWS (EPA, 1991)
Tin	µg/L	10	20	EPA Method 282.2
Tin, dissolved	µg/L	10	20	EPA Method 282.2
Tin, total recoverable	µg/L	10	20	EPA Method 282.2
Tin-113 ^c	pCi/L	1.5E+02	3E+02	Interim Final PDWS (EPA, 1977)
Toluene	µg/L	500	1,000	Final PDWS (EPA, 1993a)
o-Toluidine	µg/L	50	100	EPA Method 8270
Total carbon	µg/L	5,000	10,000	EPA Method 9060
Total coliform		0	0	Final PDWS (EPA, 1993a)
Total dissolved solids		No flag	No flag	Set by EPD/EMS
Total hydrocarbons	µg/L	5,000	10,000	EPA Method 418.1
Total inorganic carbon	µg/L	5,000	10,000	EPA Method 9060
Total organic carbon	µg/L	5,000	10,000	EPA Method 9060
Total organic halogens	µg/L	25	50	EPA Method 9020
Total organic nitrogen	µg/L	500	1,000	APHA Method 420
Total petroleum hydrocarbons	µg/L	5,000	10,000	EPA Method 418.1
Total phosphates (as P)		No flag	No flag	Set by EPD/EMS
Total phosphorus		No flag	No flag	Set by EPD/EMS
Toxaphene	µg/L	1.5	3	Final PDWS (EPA, 1993a)
2,4,5-TP (Silvex)	µg/L	25	50	Final PDWS (EPA, 1993a)
Tributyl phosphate	µg/L	50	100	EPA Method 8270
1,2,4-Trichlorobenzene	µg/L	35	70	Final PDWS (EPA, 1993a)
1,1,1-Trichloroethane	µg/L	100	200	Final PDWS (EPA, 1993a)
1,1,2-Trichloroethane	µg/L	2.5	5	Final PDWS (EPA, 1993a)
Trichloroethylene	µg/L	2.5	5	Final PDWS (EPA, 1993a)
Trichlorofluoromethane	µg/L	5	10	EPA Method 8240
2,4,5-Trichlorophenol	µg/L	50	100	EPA Method 8270
2,4,6-Trichlorophenol	µg/L	50	100	EPA Method 8270
2,4,5-Trichlorophenoxyacetic acid	µg/L	2.5	5	EPA Method 8150
1,2,3-Trichloropropane	µg/L	5	10	EPA Method 8240
O,O,O-Triethyl phosphorothioate	µg/L	50	100	EPA Method 8270
1,3,5-Trinitrobenzene	µg/L	50	100	EPA Method 8270
Tritium	pCi/mL	1E+01	2E+01	Final PDWS (EPA, 1993a)
Turbidity ^g		No flag	No flag	Set by EPD/EMS
Uranium	µg/L	10	20	Proposed PDWS (EPA, 1991)
Uranium, dissolved	µg/L	10	20	Proposed PDWS (EPA, 1991)
Uranium, total recoverable	µg/L	10	20	Proposed PDWS (EPA, 1991)
Uranium alpha activity	pCi/L	1.5E+01	3E+01	Proposed PDWS (EPA, 1991)
Uranium-233/234 ^e	pCi/L	6.9E+00	1.38E+01	Proposed PDWS (EPA, 1991)
Uranium-234	pCi/L	6.95E+00	1.39E+01	Proposed PDWS (EPA, 1991)
Uranium-235	pCi/L	7.25E+00	1.45E+01	Proposed PDWS (EPA, 1991)
Uranium-238	pCi/L	7.3E+00	1.46E+01	Proposed PDWS (EPA, 1991)
Vanadium	µg/L	40	80	EPA Method 6010
Vanadium, dissolved	µg/L	40	80	EPA Method 6010
Vanadium, total recoverable	µg/L	40	80	EPA Method 6010
Vinyl acetate	µg/L	5	10	EPA Method 8240

Analyte	Unit	Flag 1	Flag 2	Source
Xylenes	µg/L	5,000	10,000	Final PDWS (EPA, 1993a)
Yttrium-88	pCi/L	5E+01	1E+02	EPA Method 901.1
Zinc	µg/L	2,500	5,000	SDWS (EPA, 1993b)
Zinc, dissolved	µg/L	2,500	5,000	SDWS (EPA, 1993b)
Zinc, total recoverable	µg/L	2,500	5,000	SDWS (EPA, 1993b)
Zinc-65	pCi/L	1.5E+02	3E+02	Interim Final PDWS (EPA, 1977)
Zirconium-95 ^c	pCi/L	1E+02	2E+02	Interim Final PDWS (EPA, 1977)
Zirconium/Niobium-95 ^c	pCi/L	1E+02	2E+02	Interim Final PDWS (EPA, 1977)

- ^a References for methods are in Appendix E; references for dated sources are at the end of this appendix.
- ^b EMS is currently unable to perform this analysis.
- ^c EMS discontinued monitoring this radionuclide because it is inappropriate for the SRS Groundwater Monitoring Program.
- ^d EPD/EMS set this flagging criterion using the 1991 proposed PDWS because the final PDWS in 1977 may have been in error.
- ^e For double radionuclide analyses where each separate radionuclide has its own standard, the more stringent standard is used.
- ^f The applied standard is for radium-226.
- ^g The primary maximum contaminant level range for turbidity is 1–5 NTU, which is inappropriate for the SRS Groundwater Monitoring Program.

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Appendix C

Figures

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Figure 1. Location of the Sanitary Landfill at the Savannah River Site

Figure 2. Boundaries of Original Sanitary Landfill and Expansions and Location of Monitoring Wells at the Sanitary Landfill

Figure 3. Chloroethene Concentrations at the Sanitary Landfill, First Quarter 1994

Figure 4. Chloroethene Concentrations at the Sanitary Landfill, Fourth Quarter 1994

Figure 6. Total Alpha-Emitting Radium Activities at the Sanitary Landfill, Fourth Quarter 1994

Figure 7. Trichloroethylene Concentrations at the Sanitary Landfill, First Quarter 1994

Figure 9. Tritium Activities at the Sanitary Landfill, First Quarter 1994

Figure 10. Tritium Activities at the Sanitary Landfill, Fourth Quarter 1994

Figure 11. Piezometric Surface Map of Steed Pond Aquifer (Water Table) at the Sanitary Landfill, First Quarter 1994

Figure 12. Piezometric Surface Map of Steed Pond Aquifer (Water Table) at the Sanitary Landfill, Fourth Quarter 1994

Figure 13. Regional Correlation of Hydrostratigraphic and Lithostratigraphic Nomenclature

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Lewis, S. E., and R. K. Aadland, 1992. **Hydrogeologic Setting of A/M Area: Framework for Groundwater Transport (U)**, WSRC-RC-92-355. Westinghouse Savannah River Company, Savannah River Site, Aiken, SC.

Appendix D

Groundwater Monitoring Results Tables

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Key to Reading the Tables

The following abbreviations may appear in the data tables:

Constituents

1,2,3,4,6,7,8-HPCDD	1,2,3,4,6,7,8-heptachlorodibenzo-p-dioxin
1,2,3,4,6,7,8-HPCDF	1,2,3,4,6,7,8-heptachlorodibenzo-p-furan
1,2,3,4,7,8-HXCDD	1,2,3,4,7,8-hexachlorodibenzo-p-dioxin
1,2,3,4,7,8-HXCDF	1,2,3,4,7,8-hexachlorodibenzo-p-furan
Lindane	gamma-benzene hexachloride
PCB	polychlorinated biphenyl
1,2,3,7,8-PCDD	1,2,3,7,8-pentachlorodibenzo-p-dioxin
1,2,3,7,8-PCDF	1,2,3,7,8-pentachlorodibenzo-p-furan
Sp. conductance	specific conductance
TCDD	tetrachlorodibenzo-p-dioxin
TCDF	tetrachlorodibenzo-p-furan

Laboratories

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

Sampling Codes

B	blank sample was collected
C	well was pumping continuously
D	well was dry
E	equipment blank was collected
I	well went dry during sampling; insufficient water to collect all samples
L	well went dry before sampling began; only depth to water can be determined
P	inaccessibility or mechanical failure prevented sample collection and field analysis of the water
S	no water in standpipe; for water level events only
X	well went dry during purging; samples collected after well recovered

Sampling Methods

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

Units

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

Other

CS	carbon steel
DF	dilution factor 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
ST	exceeded standard column in data tables
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* (exceeded the final PDWS or screening level) column are below the final PDWS in the database. Values stored in the database contain more significant digits than the reported results. Apparent discrepancies in the tables are due to the rounding of reported results.

Data Qualification

The contract laboratories continually assess their own accuracy and precision according to U.S. Environmental Protection Agency (EPA) guidelines. They submit sample- or batch-specific quality assurance/quality control information either at the same time as analytical results or in a quarterly summary. Properly defined and used result modifiers (also referred to as qualifiers) can be a key component in assessing data usability. Result modifiers designed by the EPD/EMS 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.
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.
6	The associated result is from a reanalysis performed out of holding time due to problems with an earlier analysis.

Table 1. Maximum Levels of Constituents Exceeding the Final Primary Drinking Water Standards

Steed Pond Aquifer (Water Table)

<u>Well</u>	<u>Constituent</u>	<u>Unit</u>	<u>1Q94</u>	<u>2Q94</u>	<u>3Q94</u>	<u>4Q94</u>	<u>Mod</u>
LFW 6	Chloroethene	µg/L	3.2	4.3	4.3	2.6	J
LFW 8	Chloroethene	µg/L	77	109	84	85	
	Dichloromethane	µg/L	7.8	— ^a	—	—	J
	Gross alpha	pCi/L	—	2.0E+01	1.6E+01	—	
LFW 10A	Benzene	µg/L	6.3	6.0	—	—	J
	Chloroethene	µg/L	—	—	15	4.5	J
	Dichloromethane	µg/L	300	322	337	104	
	Tetrachloroethylene	µg/L	29	27	82	41	
	Trichloroethylene	µg/L	26	32	34	28	
	Tritium	pCi/mL	9.2E+01	6.9E+01	4.0E+01	4.1E+01	
LFW 16	Dichloromethane	µg/L	24	—	—	19	
	Trichloroethylene	µg/L	7.5	11	8.4	8.1	
	Tritium	pCi/mL	2.5E+01	2.8E+01	2.4E+01	—	
LFW 17	Chloroethene	µg/L	—	2.7	2.2	2.0	J
LFW 18	Chloroethene	µg/L	3.1	3.5	2.3	2.3	J
LFW 21	Benzene	µg/L	17	12	9.7	11	
	Chloroethene	µg/L	—	2.4	—	2.7	J
	1,2-Dichloropropane	µg/L	—	5.7	—	5.1	
	Trichloroethylene	µg/L	—	5.8	—	—	J
	Tritium	pCi/mL	4.7E+01	2.4E+01	—	5.6E+01	
LFW 22	Benzene	µg/L	—	—	—	5.7	
	Chloroethene	µg/L	—	—	3.7	—	
	Dichloromethane	µg/L	350	332	451	611	
	Nonvolatile beta	pCi/L	1.1E+02	—	—	—	J
	Tetrachloroethylene	µg/L	—	—	—	5.0	
	Trichloroethylene	µg/L	16	23	22	30	
LFW 28	Dichloromethane	µg/L	9.6	—	—	—	
LFW 29	Dichloromethane	µg/L	6.2	—	—	—	J
LFW 30	Dichloromethane	µg/L	6.4	—	—	—	
LFW 31	Dichloromethane	µg/L	6.8	—	—	—	
LFW 32	Dichloromethane	µg/L	10	—	—	—	
LFW 33	Gross alpha	pCi/L	—	—	—	1.6E+01	
LFW 36	Benzene	µg/L	—	5.5	—	—	J
	Chloroethene	µg/L	3.6	4.4	5.4	3.0	J
	Dichloromethane	µg/L	5.6	—	—	5.3	

Steed Pond Aquifer (Water Table)

Well	Constituent	Unit	1Q94	2Q94	3Q94	4Q94	Mod
	Gross alpha	pCi/L	—	—	3.3E+01	—	J
	Nonvolatile beta	pCi/L	1.4E+02	—	—	—	
LFW 37	Benzene	µg/L	6.8	9.0	7.1	7.4	
	1,2-Dichloroethane	µg/L	—	—	—	6.2	
	Dichloromethane	µg/L	102	167	190	56	
	Gross alpha	pCi/L	—	2.4E+01	—	—	
	Trichloroethylene	µg/L	12	25	22	12	
LFW 38	Benzene	µg/L	11	17	16	18	
	Chloroethene	µg/L	—	—	3.4	2.6	J
	1,2-Dichloroethane	µg/L	6.1	5.0	6.3	6.9	
	Dichloromethane	µg/L	59	84	82	60	
	Trichloroethylene	µg/L	16	16	20	20	
	Tritium	pCi/mL	—	—	—	2.1E+01	
LFW 39	Chloroethene	µg/L	—	—	4.3	11	
	1,1-Dichloroethylene	µg/L	9.0	—	—	—	
	Dichloromethane	µg/L	224	182	196	70	
	Gross alpha	pCi/L	—	—	—	3.3E+01	
	Tetrachloroethylene	µg/L	6.2	5.4	7.2	9.6	
	Trichloroethylene	µg/L	24	22	28	26	
	Tritium	pCi/mL	—	2.5E+01	—	—	
LFW 40	Dichloromethane	µg/L	140	184	188	379	
	Tetrachloroethylene	µg/L	—	13	9.4	17	
	Trichloroethylene	µg/L	15	33	29	35	
LFW 44D	Nonvolatile beta	pCi/L	8.6E+01	NA ^b	—	—	
LFW 45D	Nonvolatile beta	pCi/L	1.0E+02	—	—	—	J
LFW 46D	Nonvolatile beta	pCi/L	1.2E+02	—	—	—	
LFW 47C	Chloroethene	µg/L	3.9	—	—	—	
	Nonvolatile beta	pCi/L	1.1E+02	—	—	—	
LFW 47D	Nonvolatile beta	pCi/L	6.2E+01	—	—	—	I
LFW 48C	Mercury	µg/L	4.8	5.1	3.0	3.7	
	Nonvolatile beta	pCi/L	6.2E+01	—	—	—	I
LFW 48D	Chloroethene	µg/L	87	103	118	96	
	Dichloromethane	µg/L	7.3	—	—	—	J
LFW 55D	Nonvolatile beta	pCi/L	5.8E+01	—	—	—	J
LFW 57B	Gross alpha	pCi/L	1.8E+01	—	1.6E+01	1.7E+01	
LFW 57C	Chloroethene	µg/L	—	—	2.7	—	
LFW 57D	Chloroethene	µg/L	43	25	29	63	

Steed Pond Aquifer (Water Table)

Well	Constituent	Unit	1Q94	2Q94	3Q94	4Q94	Mod
LFW 58D	Benzene	µg/L	6.0	—	—	5.1	
	1,2-Dichloroethane	µg/L	5.9	—	—	—	
	Dichloromethane	µg/L	36	66	35	41	
	Trichloroethylene	µg/L	12	17	8.5	14	
LFW 59C	Dichloromethane	µg/L	60	62	59	43	
	Trichloroethylene	µg/L	9.7	12	9.0	10	
	Tritium	pCi/mL	2.9E+01	3.5E+01	3.3E+01	3.3E+01	
LFW 59D	Benzene	µg/L	15	7.8	—	15	
	1,2-Dichloroethane	µg/L	5.6	—	—	—	J
	Dichloromethane	µg/L	108	121	—	109	
	Trichloroethylene	µg/L	25	37	5.2	34	
	Tritium	pCi/mL	—	2.2E+01	—	2.3E+01	
LFW 60C	Dichloromethane	µg/L	NA	23	—	20	
	Trichloroethylene	µg/L	NA	6.3	—	5.9	
LFW 61C	1,1-Dichloroethylene	µg/L	—	—	7.5	—	
	Dichloromethane	µg/L	412	540	400	460	
	Tetrachloroethylene	µg/L	—	13	12	13	
	Trichloroethylene	µg/L	30	32	27	30	
LFW 61D	Dichloromethane	µg/L	33	132	36	58	
	Tetrachloroethylene	µg/L	—	7.4	—	—	
	Trichloroethylene	µg/L	14	25	8.9	16	
	Tritium	pCi/mL	6.0E+01	4.6E+01	—	—	
LFW 62C	Mercury	µg/L	—	2.3	2.0	3.1	
	Trichloroethylene	µg/L	8.1	10.0	11	11	
LFW 62D	Dichloromethane	µg/L	27	—	—	28	
	Trichloroethylene	µg/L	9.8	—	5.7	10	
LFW 63D	Chloroethene	µg/L	NA	—	—	4.9	J
LFW 64D	Chloroethene	µg/L	NA	60	NA	70	
LFW 66C	Dichloromethane	µg/L	NA	5.1	31	40	
	Trichloroethylene	µg/L	NA	11	15	17	
	Tritium	pCi/mL	NA	2.9E+01	3.7E+01	5.6E+01	
LFW 66D	Benzene	µg/L	NA	—	—	6.9	
	Dichloromethane	µg/L	NA	9.6	—	63	
	Tetrachloroethylene	µg/L	NA	14	12	9.2	
	Trichloroethylene	µg/L	NA	35	36	34	
LFW 67C	Dichloromethane	µg/L	NA	124	124	152	
	Tetrachloroethylene	µg/L	NA	57	66	58	
	Trichloroethylene	µg/L	NA	22	21	23	
LFW 67D	1,1-Dichloroethylene	µg/L	NA	—	9.4	8.3	
	Dichloromethane	µg/L	NA	14	69	40	

Steed Pond Aquifer (Water Table)

<u>Well</u>	<u>Constituent</u>	<u>Unit</u>	<u>1Q94</u>	<u>2Q94</u>	<u>3Q94</u>	<u>4Q94</u>	<u>Mod</u>
	Tetrachloroethylene	$\mu\text{g/L}$	NA	14	18	11	
	Trichloroethylene	$\mu\text{g/L}$	NA	13	21	17	
	Tritium	pCi/mL	NA	—	—	3.6E+01	
LFW 69D	Chloroethene	$\mu\text{g/L}$	NA	—	5.9	18	
LFW 70D	Dichloromethane	$\mu\text{g/L}$	NA	25	—	—	J
LFW 71D	Trichloroethylene	$\mu\text{g/L}$	NA	—	—	5.2	

Notes: The groundwater samples are unfiltered. Therefore, the results for metals are for total recoverable metals.
The modifier column applies to fourth quarter 1994 data only.

- ^a — = analyzed but not above final PDWS.
^b NA = not analyzed.

Table 2. Maximum Levels of Constituents Exceeding Other Flag 2 Criteria

Steed Pond Aquifer (Water Table)

<u>Well</u>	<u>Constituent</u>	<u>Unit</u>	<u>4Q94</u>	<u>Mod</u>
LFW 6	1,1-Dichloroethane	µg/L	11	
	Iron	µg/L	34,400	
	Manganese	µg/L	474	
	Total organic halogens	µg/L	164	
LFW 8	1,1-Dichloroethane	µg/L	24	
	Iron	µg/L	85,000	J
	Total organic halogens	µg/L	393	
LFW 10A	Aluminum	µg/L	74	J
	Dichlorodifluoromethane	µg/L	26	
	1,1-Dichloroethane	µg/L	102	
	Iron	µg/L	41,800	J
	Total organic halogens	µg/L	562	
	Trichlorofluoromethane	µg/L	16	
LFW 16	Dichlorodifluoromethane	µg/L	13	
	1,1-Dichloroethane	µg/L	28	
	Total organic halogens	µg/L	100	
LFW 17	1,1-Dichloroethane	µg/L	24	
	Iron	µg/L	21,600	
	Total organic halogens	µg/L	186	
LFW 18	Iron	µg/L	40,500	
	Total organic halogens	µg/L	123	
LFW 21	Acetone	µg/L	3,340	
	Chloromethane	µg/L	25	
	1,1-Dichloroethane	µg/L	212	
	Iron	µg/L	208,000	
	Manganese	µg/L	82	
	Phenols	µg/L	422	
	Specific conductance	µS/cm	942	
	Total organic carbon	µg/L	239,000	
	Total organic halogens	µg/L	2,200	
LFW 22	Acetone	µg/L	3,310	
	Dichlorodifluoromethane	µg/L	14	
	1,1-Dichloroethane	µg/L	131	
	Iron	µg/L	205,000	
	Manganese	µg/L	99	
	Phenols	µg/L	464	J
	Specific conductance	µS/cm	723	
	Total organic carbon	µg/L	270,000	
	Total organic halogens	µg/L	1,080	
LFW 23	Aluminum	µg/L	70	
	Total organic halogens	µg/L	77	

Steed Pond Aquifer (Water Table)

<u>Well</u>	<u>Constituent</u>	<u>Unit</u>	<u>4Q94</u>	<u>Mod</u>
LFW 24	Aluminum	µg/L	70	
	Chloromethane	µg/L	11	
LFW 25	Aluminum	µg/L	79	
LFW 27	Chloromethane	µg/L	16	
LFW 28	Aluminum	µg/L	400	
	Iron	µg/L	653	
LFW 35	Aluminum	µg/L	52	
LFW 36	Chloromethane	µg/L	22	
	1,1-Dichloroethane	µg/L	30	
	Iron	µg/L	20,300	
	Total organic halogens	µg/L	415	
	Trichlorofluoromethane	µg/L	15	
LFW 37	Dichlorodifluoromethane	µg/L	12	
	1,1-Dichloroethane	µg/L	91	
	Iron	µg/L	136,000	
	Total organic halogens	µg/L	740	
	Trichlorofluoromethane	µg/L	49	
LFW 38	Dichlorodifluoromethane	µg/L	19	
	1,1-Dichloroethane	µg/L	106	
	Total organic halogens	µg/L	951	
	Trichlorofluoromethane	µg/L	132	
LFW 39	Aluminum	µg/L	86	
	Dichlorodifluoromethane	µg/L	37	
	1,1-Dichloroethane	µg/L	127	
	Iron	µg/L	730	
	Total organic halogens	µg/L	1,600	
	Trichlorofluoromethane	µg/L	32	
LFW 40	Dichlorodifluoromethane	µg/L	60	
	1,1-Dichloroethane	µg/L	95	
	Iron	µg/L	129,000	
	Phenols	µg/L	177	
	Total organic carbon	µg/L	106,000	
	Total organic halogens	µg/L	614	
	Trichlorofluoromethane	µg/L	86	
LFW 41	Trichlorofluoromethane	µg/L	17	
LFW 42	Trichlorofluoromethane	µg/L	36	
LFW 43B	Aluminum	µg/L	56	
LFW 43C	Chloromethane	µg/L	22	

Steed Pond Aquifer (Water Table)

<u>Well</u>	<u>Constituent</u>	<u>Unit</u>	<u>4Q94</u>	<u>Mod</u>
LFW 48D	1,1-Dichloroethane	µg/L	43	
	Iron	µg/L	68,400	
	Total organic halogens	µg/L	297	
LFW 57B	Aluminum	µg/L	788	
	Chloromethane	µg/L	18	
LFW 57D	Aluminum	µg/L	67	
	1,1-Dichloroethane	µg/L	43	
	Total organic halogens	µg/L	261	
LFW 58D	Aluminum	µg/L	126	
	Dichlorodifluoromethane	µg/L	33	
	1,1-Dichloroethane	µg/L	78	
	Total organic halogens	µg/L	588	
	Trichlorofluoromethane	µg/L	83	
LFW 59B	Aluminum	µg/L	543	
LFW 59C	Chloromethane	µg/L	11	
	Dichlorodifluoromethane	µg/L	16	
	1,1-Dichloroethane	µg/L	26	
	Total organic halogens	µg/L	344	
	Trichlorofluoromethane	µg/L	18	
LFW 59D	Aluminum	µg/L	108	
	Dichlorodifluoromethane	µg/L	40	
	1,1-Dichloroethane	µg/L	97	
	Total organic halogens	µg/L	830	
	Trichlorofluoromethane	µg/L	68	
LFW 60B	Aluminum	µg/L	256	
LFW 60C	Aluminum	µg/L	60	
	Dichlorodifluoromethane	µg/L	18	
	1,1-Dichloroethane	µg/L	41	
	Total organic halogens	µg/L	403	
	Trichlorofluoromethane	µg/L	48	
LFW 61C	Acetone	µg/L	1,070	
	Aluminum	µg/L	259	
	Chloroethane	µg/L	14	
	Dichlorodifluoromethane	µg/L	84	
	1,1-Dichloroethane	µg/L	92	
	Iron	µg/L	168,000	
	Manganese	µg/L	109	
	Phenols	µg/L	183	
	Total organic carbon	µg/L	113,000	
	Total organic halogens	µg/L	990	
	Trichlorofluoromethane	µg/L	77	

Steed Pond Aquifer (Water Table)

<u>Well</u>	<u>Constituent</u>	<u>Unit</u>	<u>4Q94</u>	<u>Mod</u>
LFW 61D	Aluminum	µg/L	73	
	Dichlorodifluoromethane	µg/L	48	
	1,1-Dichloroethane	µg/L	44	
	Iron	µg/L	3,530	
	Total organic halogens	µg/L	178	
	Trichlorofluoromethane	µg/L	86	
LFW 62B	Aluminum	µg/L	355	
LFW 62C	1,1-Dichloroethane	µg/L	15	
	Total organic halogens	µg/L	81	
LFW 62D	Aluminum	µg/L	140	
	Dichlorodifluoromethane	µg/L	29	
	1,1-Dichloroethane	µg/L	37	
	Total organic halogens	µg/L	170	
	Trichlorofluoromethane	µg/L	48	
LFW 63B	Aluminum	µg/L	328	J
LFW 63C	Aluminum	µg/L	168	
	Iron	µg/L	698	
LFW 63D	1,1-Dichloroethane	µg/L	12	
	Total organic halogens	µg/L	117	J
LFW 64B	Aluminum	µg/L	394	
LFW 64C	Aluminum	µg/L	252	
	Chloromethane	µg/L	10	
LFW 64D	Aluminum	µg/L	53	
	Chloromethane	µg/L	14	
	1,1-Dichloroethane	µg/L	25	
	Iron	µg/L	323	
	Total organic halogens	µg/L	192	
LFW 65B	Aluminum	µg/L	434	J
LFW 65D	Trichlorofluoromethane	µg/L	13	
LFW 66C	Dichlorodifluoromethane	µg/L	27	
	1,1-Dichloroethane	µg/L	37	
	Total organic halogens	µg/L	612	
	Trichlorofluoromethane	µg/L	65	
LFW 66D	Dichlorodifluoromethane	µg/L	43	
	1,1-Dichloroethane	µg/L	88	
	Total organic halogens	µg/L	501	
	Trichlorofluoromethane	µg/L	64	
LFW 67B	Aluminum	µg/L	288	

Steed Pond Aquifer (Water Table)

<u>Well</u>	<u>Constituent</u>	<u>Unit</u>	<u>4Q94</u>	<u>Mod</u>
LFW 67C	Dichlorodifluoromethane	$\mu\text{g/L}$	26	
	1,1-Dichloroethane	$\mu\text{g/L}$	53	
	Trichlorofluoromethane	$\mu\text{g/L}$	76	
LFW 67D	Dichlorodifluoromethane	$\mu\text{g/L}$	45	
	1,1-Dichloroethane	$\mu\text{g/L}$	48	
	Total organic halogens	$\mu\text{g/L}$	491	
	Trichlorofluoromethane	$\mu\text{g/L}$	185	
LFW 68B	Aluminum	$\mu\text{g/L}$	181	
LFW 68C	Trichlorofluoromethane	$\mu\text{g/L}$	26	
LFW 69B	Aluminum	$\mu\text{g/L}$	368	
	Chloromethane	$\mu\text{g/L}$	14	
LFW 69C	Aluminum	$\mu\text{g/L}$	352	
	Chloromethane	$\mu\text{g/L}$	13	
LFW 69D	Aluminum	$\mu\text{g/L}$	133	
	1,1-Dichloroethane	$\mu\text{g/L}$	43	
	Iron	$\mu\text{g/L}$	4,950	
	Total organic halogens	$\mu\text{g/L}$	263	
LFW 70B	Aluminum	$\mu\text{g/L}$	67	
	Chloromethane	$\mu\text{g/L}$	14	
LFW 70C	Aluminum	$\mu\text{g/L}$	194	
	Chloromethane	$\mu\text{g/L}$	11	
LFW 70D	Chloromethane	$\mu\text{g/L}$	13	
LFW 71B	Aluminum	$\mu\text{g/L}$	309	
LFW 71C	Chloromethane	$\mu\text{g/L}$	13	
LFW 71D	Chloromethane	$\mu\text{g/L}$	26	
	1,1-Dichloroethane	$\mu\text{g/L}$	12	
	Total organic halogens	$\mu\text{g/L}$	89	
	Trichlorofluoromethane	$\mu\text{g/L}$	24	
LFW 72B	Aluminum	$\mu\text{g/L}$	110	
	Chloromethane	$\mu\text{g/L}$	13	

Notes: These results do not include field data results. Flags are established by EPD/EMS and are based on PDWS, Secondary Drinking Water Standards, or method detection limits (see Appendix B).

Table 3. Groundwater Monitoring Results for Individual Wells

WELL LFW 6

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

SAMPLE DATE 12/14/93 03/21/94 06/07/94 09/06/94

FIELD DATA

Analyte	1Q94	2Q94	3Q94	4Q94	Unit
Water elevation	154.4	155.0	154.1	154.4	ft msl
Depth to water	17.3	16.7	17.6	17.3	ft
pH	6.2	6.0	5.9	6.1	pH
Sp. conductance	336	307	343	248	µS/cm
Water temperature	19.6	17.8	18.2	19.6	°C
Alkalinity as CaCO ₃	113	78	34	91	mg/L
Turbidity	0	1	1	1	NTU
Volume purged	15.1	15.7	15.7	17.4	well vol.
Sampling code					

ANALYTICAL DATA

H	ST	Analyte	1Q94	2Q94	3Q94	4Q94	DF	Mod	Unit	Lab	Flag
		Acetone	<10	<50	<67	<24	1	J	µg/L	WA	0
		Acetonitrile (Methyl cyanide)	<20	<20	<20	<5.0	1		µg/L	GE	0
		Acrolein	<10	<10	<10	<10	1		µg/L	WA	0
		Acrylonitrile	<10	<10	<10	<10	1		µg/L	WA	0
		Aldrin				<0.050	1		µg/L	GE	0
		Allyl chloride	<100	<20	<20	<20	1		µg/L	WA	0
		Aluminum, total recoverable	<20	<20	<20	<20	1		µg/L	GE	0
		Arsenic, total recoverable	3.9	4.8	6.1	<2.0	1		µg/L	GE	0
		Barium, total recoverable	20	24	16	28	1		µg/L	GE	0
		Benzene	2.8	2.7	2.4	1.7	1	J	µg/L	WA	0
		Bis(2-chloroisopropyl) ether				<5.0	1		µg/L	GE	0
		Bromodichloromethane	<5.0	<5.0	<5.0	<1.0	1		µg/L	GE	0
		Bromoform	<5.0	<5.0	<5.0	<1.0	1		µg/L	GE	0
		Bromomethane (Methyl bromide)	<10	<10	<10	<1.0	1		µg/L	GE	0
		Cadmium, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	GE	0
		Calcium, total recoverable	7,610	7,650	7,130	7,590	1		µg/L	GE	0
		Carbon disulfide	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Carbon tetrachloride	<5.0	<5.0	<5.0	<1.0	1		µg/L	GE	0
		Chloride	13,100	12,000	17,500	10,100	1		µg/L	GE	0
		Chlorobenzene	1.4	4.2	2.1	2.1	1		µg/L	GE	0
		Chloroethane	3.4	4.5	3.5	2.5	1	J	µg/L	WA	0
■		Chloroethene (Vinyl chloride)	3.2	4.3	4.3	2.6	1	J	µg/L	WA	2
		Chloroform	<5.0	<5.0	<5.0	<1.0	1		µg/L	GE	0
		Chloromethane (Methyl chloride)	<10	<10	<10	<1.0	1		µg/L	GE	0
		Chloroprene	<20	<100	<100	<100	1		µg/L	WA	0
		Chromium, total recoverable	<4.0	<4.0	<4.0	<4.0	1		µg/L	GE	0
		Copper, total recoverable	5.7	<4.0	10	4.2	1		µg/L	WA	0
		p,p'-DDT				<0.10	1		µg/L	GE	0
		Dibromochloromethane	<5.0	<5.0	<5.0	<1.0	1		µg/L	GE	0
		1,2-Dibromo-3-chloropropane	<20	<20	<20	<5.0	1		µg/L	GE	0
		1,2-Dibromoethane	<20	<20	<20	<20	1		µg/L	GE	0
		Dibromomethane	<10	<10	<10	<1.0	1		µg/L	GE	0
		trans-1,4-Dichloro-2-butene	<100	<100	<100	<30	1		µg/L	GE	0
		Dichlorodifluoromethane	1.6	1.9	1.8	1.7	1		µg/L	GE	0
		1,1-Dichloroethane	19	14	8.9	11	1		µg/L	GE	2
		1,2-Dichloroethane	<5.0	<5.0	<5.0	<1.0	1		µg/L	GE	0
		1,1-Dichloroethylene	<5.0	<5.0	<5.0	<1.0	1		µg/L	GE	0
		trans-1,2-Dichloroethylene	<5.0	<5.0	<5.0	<1.0	1		µg/L	GE	0
		Dichloromethane	3.0	<3.9	<60	1.6	1	J	µg/L	WA	0
		2,4-Dichlorophenoxyacetic acid	<1.1	<1.1	<1.1	0.075	5	J	µg/L	GE	0

Note: Flagging, dilution factors, modifiers, and laboratories are for fourth quarter 1994 data only. See Appendix B for flagging criteria.

● = exceeded holding time for fourth quarter 1994.

■ = exceeded screening level or final PDWS for fourth quarter 1994.

Well LFW 6 continued

ANALYTICAL DATA

H	ST	Analyte	1Q94	2Q94	3Q94	4Q94	DF	Mod	Unit	Lab	Flag
		1,2-Dichloropropane	<5.0	<5.0	<5.0	<1.0	1		µg/L	GE	0
		cis-1,3-Dichloropropene	<5.0	<5.0	<5.0	<1.0	1		µg/L	GE	0
		trans-1,3-Dichloropropene	<5.0	<5.0	<5.0	<1.0	1		µg/L	GE	0
		Dieldrin				<0.025	1		µg/L	GE	0
		Endrin	<0.11	<0.11	<0.11	<0.10	1.02		µg/L	WA	0
		Ethylbenzene	<5.0	<5.0	<5.0	<1.0	1		µg/L	GE	0
		Fluoride	<100	<100	<100	<20	1		µg/L	GE	0
		Gross alpha	9.4E+00	9.7E+00	8.5E+00	9.9E+00	1		pCi/L	TM	1
		Heptachlor				<0.050	1		µg/L	GE	0
		2-Hexanone	<10	<10	<10	<10	1		µg/L	GE	0
		Iodomethane (Methyl iodide)	<10	<10	<10	<10	1		µg/L	WA	0
		Iron, total recoverable	59,200	47,200	55,900	34,400	1		µg/L	GE	2
		Isobutyl alcohol	<20	<20	<20	<20	1		µg/L	WA	0
		Lead, total recoverable	<3.0	<3.0	<3.0	<3.0	1		µg/L	GE	0
		Lindane	<0.055	<0.054	<0.053	<0.051	1.02		µg/L	WA	0
		Magnesium, total recoverable	7,900	7,270	7,980	6,490	1		µg/L	GE	0
		Manganese, total recoverable	698	330	284	474	1		µg/L	GE	2
		Mercury, total recoverable	<0.20	<0.20	<0.20	<0.20	1		µg/L	GE	0
		Methacrylonitrile	<20	<20	<20	<20	1		µg/L	WA	0
•		Methoxychlor	<0.55	<0.54	<0.53	<0.48	1	J	µg/L	GE	0
		Methyl ethyl ketone	<10	<10	<10	<1.0	1	J	µg/L	GE	0
		Methyl isobutyl ketone	<10	<10	<10	<10	1		µg/L	GE	0
		Methyl methacrylate				<5.0	1		µg/L	GE	0
		Nickel, total recoverable	<4.0	<4.0	4.0	6.8	1		µg/L	WA	0
		Nitrate as nitrogen	82	32	87	<20	1		µg/L	WA	0
		Nitrate-nitrite as nitrogen				181	1		µg/L	GE	0
		Nonvolatile beta	1.6E+01	1.5E+01	1.4E+01	1.3E+01	1		pCi/L	TM	0
•		pH	5.9	6.5	6.3	6.2	1	J	pH	WA	0
		Phenols	<5.0	<5.0	<5.0	<5.0	1		µg/L	GE	0
		Potassium, total recoverable	1,610	1,310	1,880	1,350	1		µg/L	GE	0
		Propionitrile	<50	<50	<50	<50	1		µg/L	WA	0
		Radium, total alpha-emitting				4.8E+00	1		pCi/L	GP	0
		Radium-226	3.4E+00	2.8E+00	2.2E+00	2.8E+00	1		pCi/L	TM	0
		Radium-228	7.0E+00	4.8E+00	7.5E+00	4.5E+00	1		pCi/L	TM	0
		Selenium, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	GE	0
		Silica, total recoverable	10,000	9,190	9,560	8,770	1		µg/L	GE	0
		Silver, total recoverable	<2.0	2.0	<2.0	<2.0	1		µg/L	GE	0
		Sodium, total recoverable	7,430	5,440	9,570	6,020	1		µg/L	WA	0
		Specific conductance	309	253	306	261	1		µS/cm	WA	1
		Styrene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Sulfate	12,400	17,000	13,200	31,500	1		µg/L	GE	0
		1,1,1,2-Tetrachloroethane	<10	<10	<10	<1.0	1		µg/L	GE	0
		1,1,2,2-Tetrachloroethane	<5.0	<5.0	<5.0	<1.0	1		µg/L	GE	0
		Tetrachloroethylene	1.7	1.6	<5.0	1.1	1	J	µg/L	GE	0
		Toluene	<5.0	<5.0	<5.0	<1.0	1		µg/L	GE	0
		Total dissolved solids	155,000	145,000	132,000	129,000	1		µg/L	WA	0
		Total organic carbon	3,510	3,100	3,500	7,740	1		µg/L	GE	1
		Total organic halogens	221	220	215	164	1		µg/L	WA	2
		Total phosphates (as P)	101	<50	<50	249	1		µg/L	WA	0
		Total suspended solids	5,000	2,000	8,000	3,000	1		µg/L	GE	0
•		Toxaphene	<1.1	<1.1	<1.1	<0.23	1	J	µg/L	GE	0
		2,4,5-TP (Silvex)	<0.55	<0.55	<0.54	<0.0022	5	J	µg/L	GE	0
		1,1,1-Trichloroethane	<5.0	<5.0	<5.0	<1.0	1		µg/L	GE	0
		1,1,2-Trichloroethane	<5.0	<5.0	<5.0	<1.0	1		µg/L	GE	0
		Trichloroethylene	2.4	2.6	1.6	1.5	1	J	µg/L	GE	0
		Trichlorofluoromethane	<5.0	<5.0	<5.0	<1.0	1		µg/L	GE	0
		1,2,3-Trichloropropane	<10	<10	<10	<1.0	1		µg/L	GE	0
		Tritium	4.1E+00	3.6E+00	3.8E+00	3.4E+00	1		pCi/mL	GP	0
		Vanadium, total recoverable	<3.0	<3.0	<3.0	<3.0	1		µg/L	WA	0
		Vinyl acetate	<10	<10	<10	<10	1		µg/L	GE	0
		Xylenes	<5.0	<5.0	1.0	<2.0	1		µg/L	GE	0

Note: Flagging, dilution factors, modifiers, and laboratories are for fourth quarter 1994 data only. See Appendix B for flagging criteria.

• = exceeded holding time for fourth quarter 1994.

■ = exceeded screening level or final PDWS for fourth quarter 1994.

WELL LFW 7

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

SAMPLE DATE	12/19/93	03/01/94	06/13/94	09/14/94
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FIELD DATA

Analyte	1Q94	2Q94	3Q94	4Q94	Unit
Water elevation	152.3	152.9	152.1	152.1	ft msl
Depth to water	19.0	18.3	19.1	19.1	ft
pH		5.7			pH
Sp. conductance		86			µS/cm
Water temperature		17.8			°C
Alkalinity as CaCO ₃		8			mg/L
Turbidity		1000			NTU
Volume purged		0.2			well vol.
Sampling code			P		

WELL LFW 8

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

SAMPLE DATE	12/14/93	03/18/94	06/08/94	09/08/94
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FIELD DATA

Analyte	1Q94	2Q94	3Q94	4Q94	Unit
Water elevation	150.1	150.9	150.0	149.7	ft msl
Depth to water	20.5	19.6	20.6	20.9	ft
pH	7.0	6.5	6.4	6.7	pH
Sp. conductance	518	516	372	492	µS/cm
Water temperature	19.8	18.6	18.7	19.6	°C
Alkalinity as CaCO ₃	232	219	194	207	mg/L
Turbidity	1	1	4	1	NTU
Volume purged	21.9	11.4	40.0	26.1	well vol.
Sampling code					

ANALYTICAL DATA

H	ST	Analyte	1Q94	2Q94	3Q94	4Q94	DF	Mod	Unit	Lab	Flag
		Acetone	11	<10	<10	<10	1		µg/L	WA	0
		Acetonitrile (Methyl cyanide)	<20	<20	<20	<20	1		µg/L	WA	0
		Acrolein	<10	<10	<10	<10	1		µg/L	WA	0
		Acrylonitrile	<10	<10	<10	<10	1		µg/L	WA	0
		Allyl chloride	<100	<20	<20	<20	1		µg/L	WA	0
		Aluminum, total recoverable	<20	<20	186	<20	1		µg/L	WA	0
		Arsenic, total recoverable	24	23	12	22	1		µg/L	WA	0
		Barium, total recoverable	8.2	8.4	6.9	8.5	1		µg/L	WA	0
		Benzene	3.0	3.5	2.4	2.9	1	J	µg/L	WA	1
		Bromodichloromethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Bromoform	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Bromomethane (Methyl bromide)	<10	<10	<10	<10	1		µg/L	WA	0

Note: Flagging, dilution factors, modifiers, and laboratories are for fourth quarter 1994 data only. See Appendix B for flagging criteria.

● = exceeded holding time for fourth quarter 1994.

■ = exceeded screening level or final PDWS for fourth quarter 1994.

Well LFW 8 continued

ANALYTICAL DATA

H	ST	Analyte	1Q94	2Q94	3Q94	4Q94	DF	Mod	Unit	Lab	Flag
		Cadmium, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Calcium, total recoverable	7,590	7,220	5,670	7,970	1		µg/L	WA	0
		Carbon disulfide	2.2	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Carbon tetrachloride	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Chloride	22,400	22,800	19,600	20,500	10		µg/L	WA	0
		Chlorobenzene	80	64	34	61	1		µg/L	WA	1
		Chloroethane	9.7	<10	<10	<10	1		µg/L	WA	0
■		Chloroethene (Vinyl chloride)	77	109	84	85	1		µg/L	WA	2
		Chloroform	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Chloromethane (Methyl chloride)	<10	<10	<10	<10	1		µg/L	WA	0
		Chloroprene	<20	<100	<100	<100	1		µg/L	WA	0
		Chromium, total recoverable	<4.0	<4.0	<4.0	<4.0	1		µg/L	WA	0
		Copper, total recoverable	<4.0	<4.0	9.3	12	1		µg/L	WA	0
		Dibromochloromethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,2-Dibromo-3-chloropropane	<20	<20	<20	<20	1		µg/L	WA	0
		1,2-Dibromoethane	<20	<20	<20	<20	1		µg/L	WA	0
		Dibromomethane	<10	<10	<10	<10	1		µg/L	WA	0
		trans-1,4-Dichloro-2-butene	<100		<100	<100	1		µg/L	WA	0
		Dichlorodifluoromethane	3.1	<10	2.1	<10	1		µg/L	WA	0
		1,1-Dichloroethane	22	24	31	24	1		µg/L	WA	2
		1,2-Dichloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,1-Dichloroethylene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		trans-1,2-Dichloroethylene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Dichloromethane	7.8	2.7	<5.0	1.7	1	J	µg/L	WA	0
		2,4-Dichlorophenoxyacetic acid	<1.1	<1.1	<1.1	<1.1	1.09		µg/L	WA	0
		1,2-Dichloropropane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		cis-1,3-Dichloropropene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		trans-1,3-Dichloropropene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Endrin	<0.11	<0.11	<0.10	<0.10	1.04		µg/L	WA	0
		Ethylbenzene	4.0	2.7	2.8	2.6	1	J	µg/L	WA	0
		Fluoride	165	162	160	172	1		µg/L	WA	0
		Gross alpha	1.3E+01	2.0E+01	1.6E+01	9.2E+00	1		pCi/L	GP	1
		2-Hexanone	<10	<10	<10	<10	1		µg/L	WA	0
		Iodomethane (Methyl iodide)	<10	<10	<10	<10	1		µg/L	WA	0
		Iron, total recoverable	84,100	91,500	70,200	85,000	5	J	µg/L	WA	2
		Isobutyl alcohol	<20	<20	<20	<20	1		µg/L	WA	0
		Lead, total recoverable	<3.0	<3.0	7.4	<3.0	1		µg/L	WA	0
		Lindane	<0.054	<0.052	<0.052	<0.052	1.04		µg/L	WA	0
		Magnesium, total recoverable	13,800	12,200	8,310	9,480	1		µg/L	WA	0
		Manganese, total recoverable	18	20	12	16	1		µg/L	WA	0
		Mercury, total recoverable	<0.20	<0.20	<0.20	<0.20	1		µg/L	WA	0
		Methacrylonitrile	<20	<20	<20	<20	1		µg/L	WA	0
		Methoxychlor	<0.54	<0.53	<0.52	<0.52	1.04		µg/L	WA	0
		Methyl ethyl ketone	<10	<10	<10	<10	1		µg/L	WA	0
		Methyl isobutyl ketone	<10	<10	18	<10	1		µg/L	WA	0
		Nickel, total recoverable	<4.0	<4.0	<4.0	<4.0	1		µg/L	WA	0
		Nitrate as nitrogen	<20	<20	<20	<20	1		µg/L	WA	0
•		Nonvolatile beta	2.8E+01	2.7E+01	1.9E+01	1.7E+01	1		pCi/L	GP	0
		pH	6.1	7.0	6.1	6.1	1	J	pH	WA	0
		Phenols	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Potassium, total recoverable	3,070	2,730	2,040	2,640	1		µg/L	WA	0
		Propionitrile	<50	<50	<50	<50	1		µg/L	WA	0
		Radium, total alpha-emitting				9.5E+00	1		pCi/L	GP	0
		Radium-226	3.2E+00	3.1E+00	2.4E+00				pCi/L		
		Radium-228	9.1E+00	8.4E+00	6.4E+00				pCi/L		
		Selenium, total recoverable	<2.0	<2.0	<2.0	<2.0	1	J	µg/L	WA	0
		Silica, total recoverable	6,910	7,220	6,520	6,780	2.1		µg/L	WA	0
		Silver, total recoverable	<2.0	<2.0	2.2	3.8	1	J	µg/L	WA	0
		Sodium, total recoverable	20,100	19,500	15,800	15,600	1		µg/L	WA	0
		Specific conductance	289	285	182	229	1		µS/cm	WA	0
		Styrene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Sulfate	<1,000	<1,000	<1,000	<1,000	1		µg/L	WA	0

Note: Flagging, dilution factors, modifiers, and laboratories are for fourth quarter 1994 data only. See Appendix B for flagging criteria.

• = exceeded holding time for fourth quarter 1994.

■ = exceeded screening level or final PDWS for fourth quarter 1994.

Well LFW 8 continued

ANALYTICAL DATA

H	ST	Analyte	1Q94	2Q94	3Q94	4Q94	DF	Mod	Unit	Lab	Flag
		1,1,1,2-Tetrachloroethane	<10	<10	<10	<10	1		µg/L	WA	0
		1,1,2,2-Tetrachloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Tetrachloroethylene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Toluene	3.0	3.9	3.9	2.3	1	J	µg/L	WA	0
		Total dissolved solids	148,000	148,000	94,000	190,000	1		µg/L	WA	0
		Total organic carbon	5,220	5,300	4,300	5,500	1		µg/L	WA	1
		Total organic halogens	184	296	124	393	5		µg/L	WA	2
		Total phosphates (as P)	101	<50	<50	142	1		µg/L	WA	0
		Total suspended solids	121,000	87,000	40,000	106,000	1		µg/L	GE	0
		Toxaphene	<1.1	<1.1	<1.0	<1.0	1.04		µg/L	WA	0
		2,4,5-TP (Silvex)	<0.53	<0.54	<0.53	<0.55	1.09		µg/L	WA	0
		1,1,1-Trichloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,1,2-Trichloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Trichloroethylene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Trichlorofluoromethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,2,3-Trichloropropane	<10	<10	<10	<10	1		µg/L	WA	0
		Tritium	7.6E+00	8.0E+00	5.4E+00	9.0E+00	1		pCi/mL	GP	0
		Vanadium, total recoverable	<3.0	<3.0	<3.0	<3.0	1		µg/L	WA	0
		Vinyl acetate	<10	<10	<10	<10	1		µg/L	WA	0
		Xylenes	11	9.1	12	6.4	1		µg/L	WA	0

WELL LFW 10A

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

SAMPLE DATE	12/28/93	03/18/94	06/07/94	09/02/94
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FIELD DATA

Analyte	1Q94	2Q94	3Q94	4Q94	Unit
Water elevation	152.3	153.8	152.5	151.8	ft msl
Depth to water	23.2	21.7	23.0	23.7	ft
pH	6.5	6.6	5.8	6.3	pH
Sp. conductance	630	524	381	31	µS/cm
Water temperature	20.3	19.6	19.6	21.4	°C
Alkalinity as CaCO ₃	140	192	153	152	mg/L
Turbidity	6	4	5	2	NTU
Volume purged	25.4	27.6	6.9	5.7	well vol.
Sampling code					

ANALYTICAL DATA

H	ST	Analyte	1Q94	2Q94	3Q94	4Q94	DF	Mod	Unit	Lab	Flag
		Acetone	375	349	578	49	1		µg/L	WA	0
		Acetonitrile (Methyl cyanide)	<20	<20	<20	<20	1		µg/L	WA	0
		Acrolein	<10	<10	<10	<10	1		µg/L	WA	0
		Acrylonitrile	<10	<10	<10	<10	1		µg/L	WA	0
		Allyl chloride	<100	<20	<20	<20	1		µg/L	WA	0
		Aluminum, total recoverable	53	<20	345	74	1	J	µg/L	WA	2
		Arsenic, total recoverable	8.1	6.6	6.2	3.1	1		µg/L	WA	0
		Barium, total recoverable	8.9	8.4	12	7.3	1	J	µg/L	WA	0
		Benzene	6.3	6.0	4.9	3.1	1	J	µg/L	WA	1
		Bromodichloromethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Bromoform	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Bromomethane (Methyl bromide)	<10	<10	<10	<10	1		µg/L	WA	0
		Cadmium, total recoverable	<10	<10	<2.0	<2.0	1	J	µg/L	WA	0
		Calcium, total recoverable	12,500	8,680	6,990	3,590	1	J	µg/L	WA	0
		Carbon disulfide	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0

Note: Flagging, dilution factors, modifiers, and laboratories are for fourth quarter 1994 data only. See Appendix B for flagging criteria.

● = exceeded holding time for fourth quarter 1994.

■ = exceeded screening level or final PDWS for fourth quarter 1994.

Well LFW 10A continued

ANALYTICAL DATA

H	ST	Analyte	1Q94	2Q94	3Q94	4Q94	DF	Mod	Unit	Lab	Flag
		Carbon tetrachloride	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Chloride	30,700	3,740	23,200	15,900	4		µg/L	WA	0
		Chlorobenzene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Chloroethane	<10	<10	<10	<10	1		µg/L	WA	0
■		Chloroethene (Vinyl chloride)	<10	<10	15	4.5	1	J	µg/L	WA	2
		Chloroform	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Chloromethane (Methyl chloride)	<10	<10	<10	<10	1		µg/L	WA	0
		Chloroprene	<20	<100	<100	<100	1		µg/L	WA	0
		Chromium, total recoverable	<4.0	<4.0	33	4.3	1	J	µg/L	WA	0
		Copper, total recoverable	<4.0	<4.0	<4.0	<4.0	1	J	µg/L	WA	0
		Dibromochloromethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,2-Dibromo-3-chloropropane	<20	<20	<20	<20	1		µg/L	WA	0
		1,2-Dibromoethane	<20	<20	<20	<20	1		µg/L	WA	0
		Dibromomethane	<10	<10	<10	<10	1		µg/L	WA	0
		trans-1,4-Dichloro-2-butene	<100		<100	<100	1		µg/L	WA	0
		Dichlorodifluoromethane	21	49	68	26	1		µg/L	WA	2
		1,1-Dichloroethane	157	184	175	102	1		µg/L	WA	2
		1,2-Dichloroethane	1.7	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,1-Dichloroethylene	3.2	3.8	2.4	2.0	1	J	µg/L	WA	0
		trans-1,2-Dichloroethylene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
■		Dichloromethane	300	322	337	104	1		µg/L	WA	2
		2,4-Dichlorophenoxyacetic acid	<1.0	<1.1	<1.1	<1.1	1.1		µg/L	WA	0
		1,2-Dichloropropane	1.4	1.7	1.6	<5.0	1		µg/L	WA	0
		cis-1,3-Dichloropropene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		trans-1,3-Dichloropropene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Endrin	<0.11	<0.11	<0.10	<0.10	1.02		µg/L	WA	0
		Ethylbenzene	27	19	23	6.2	1		µg/L	WA	0
		Fluoride	216	151	118	124	1		µg/L	WA	0
		Gross alpha	4.4E+00	3.5E+00	4.3E+00	4.4E+00	1		pCi/L	GP	0
		2-Hexanone	<10	1.3	<10	<10	1		µg/L	WA	0
		Iodomethane (Methyl iodide)	<10	<10	<10	<10	1		µg/L	WA	0
		Iron, total recoverable	130,000	119,000	52,400	41,800	1	J	µg/L	WA	2
		Isobutyl alcohol	<20	<20	<20	<20	1		µg/L	WA	0
		Lead, total recoverable	<3.0	<3.0	<3.0	<3.0	1		µg/L	WA	0
		Lindane	<0.052	<0.056	<0.051	<0.051	1.02		µg/L	WA	0
		Magnesium, total recoverable	12,900	10,500	11,700	4,890	1	J	µg/L	WA	0
		Manganese, total recoverable	28	16	9.5	7.8	1	J	µg/L	WA	0
		Mercury, total recoverable	<0.20	<0.20	<0.20	0.29	1		µg/L	WA	0
		Methacrylonitrile	<20	<20	<20	<20	1		µg/L	WA	0
		Methoxychlor	<0.53	<0.56	<0.51	<0.51	1.02		µg/L	WA	0
		Methyl ethyl ketone	230	220	343	31	1		µg/L	WA	0
		Methyl isobutyl ketone	145	104	129	13	1		µg/L	WA	0
		Nickel, total recoverable	<4.0	<4.0	16	<4.0	1	J	µg/L	WA	0
		Nitrate as nitrogen	<20	<20	569	<20	1		µg/L	WA	0
		Nonvolatile beta	1.7E+01	6.2E+00	7.7E+00	2.6E+00	1	J	pCi/L	GP	0
●		pH	6.4	6.8	6.4	6.3	1	J	pH	WA	0
		Phenols	81	57	89	10	1		µg/L	WA	0
		Potassium, total recoverable	510	<2,500	546	<500	1	J	µg/L	WA	0
		Propionitrile	<50	<50	<50	<50	1		µg/L	WA	0
		Radium, total alpha-emitting				8.0E-01	1	J	pCi/L	GP	0
		Radium-226	2.9E+00	1.1E+00	1.1E+00				pCi/L		
		Radium-228	3.1E+00	3.2E+00	3.6E+00				pCi/L		
		Selenium, total recoverable	2.8	<2.0	<2.0	<2.0	1	J	µg/L	WA	0
		Silica, total recoverable	8,590	9,370	9,720	7,200	2.1	J	µg/L	WA	0
		Silver, total recoverable	<10	<10	<2.0	2.2	1	J	µg/L	WA	0
		Sodium, total recoverable	19,900	20,300	27,300	7,800	1	J	µg/L	WA	0
		Specific conductance	282	304	386	216	1		µS/cm	WA	0
		Styrene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Sulfate	<1,000	1,700	<1,000	1,470	1		µg/L	WA	0
		1,1,1,2-Tetrachloroethane	<10	<10	<10	<10	1		µg/L	WA	0
		1,1,2,2-Tetrachloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
■		Tetrachloroethylene	29	27	82	41	1		µg/L	WA	2

Note: Flagging, dilution factors, modifiers, and laboratories are for fourth quarter 1994 data only. See Appendix B for flagging criteria.

● = exceeded holding time for fourth quarter 1994.

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Well LFW 10A continued

ANALYTICAL DATA

H	ST	Analyte	1Q94	2Q94	3Q94	4Q94	DF	Mod	Unit	Lab	Flag
		Toluene	33	22	48	5.8	1		µg/L	WA	0
•		Total dissolved solids	182,000	172,000	280,000	326,000	1	J	µg/L	WA	0
		Total organic carbon	44,600	25,800	54,400	2,100	1		µg/L	WA	0
		Total organic halogens	938	1,400	1,030	562	6.66		µg/L	WA	2
		Total phosphates (as P)	<50	<50	<50	961	2		µg/L	WA	0
		Total suspended solids	153,000	12,000	24,000	90,000	1		µg/L	GE	0
		Toxaphene	<1.1	<1.1	<1.0	<1.0	1.02		µg/L	WA	0
		2,4,5-TP (Silvex)	<0.52	<0.55	<0.55	<0.55	1.1		µg/L	WA	0
		1,1,1-Trichloroethane	7.4	9.2	18	17	1		µg/L	WA	0
		1,1,2-Trichloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
■		Trichloroethylene	26	32	34	28	1		µg/L	WA	2
		Trichlorofluoromethane	14	22	25	16	1		µg/L	WA	2
		1,2,3-Trichloropropane	<10	<10	<10	<10	1		µg/L	WA	0
■		Tritium	9.2E+01	6.9E+01	4.0E+01	4.1E+01	1		pCi/mL	GP	2
		Vanadium, total recoverable	<15	<15	<3.0	<3.0	1	J	µg/L	WA	0
		Vinyl acetate	<10	<10	<10	<10	1		µg/L	WA	0
		Xylenes	75	79	106	19	1		µg/L	WA	0

WELL LFW 16

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

SAMPLE DATE	12/15/93	03/18/94	06/07/94	09/01/94
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FIELD DATA

Analyte	1Q94	2Q94	3Q94	4Q94	Unit
Water elevation	155.3	156.6	155.5	154.7	ft msl
Depth to water	23.5	22.2	23.3	24.1	ft
pH	4.8	4.9	4.3	4.6	pH
Sp. conductance	28	35	30	29	µS/cm
Water temperature	20.1	20.0	19.6	21.0	°C
Alkalinity as CaCO ₃	0	0	1	0	mg/L
Turbidity	1	1	1	1	NTU
Volume purged	17.1	11.2	10.7	6.9	well vol.
Sampling code					

ANALYTICAL DATA

H	ST	Analyte	1Q94	2Q94	3Q94	4Q94	DF	Mod	Unit	Lab	Flag
		Acetone	<10	<10	<67	<30	1	J	µg/L	WA	0
		Acetonitrile (Methyl cyanide)	<20	<20	<20	<20	1		µg/L	WA	0
		Acrolein	<10	<10	<10	<10	1		µg/L	WA	0
		Acrylonitrile	<10	<10	<10	<10	1		µg/L	WA	0
		Allyl chloride	<100	<20	<20	<20	1		µg/L	WA	0
		Aluminum, total recoverable	21	24	29	<20	1		µg/L	WA	0
		Arsenic, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Barium, total recoverable	7.5	6.6	5.8	5.6	1		µg/L	WA	0
		Benzene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Bromodichloromethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Bromoform	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Bromomethane (Methyl bromide)	<10	<10	<10	<10	1		µg/L	WA	0
		Cadmium, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Calcium, total recoverable	709	900	744	856	1		µg/L	WA	0
		Carbon disulfide	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Carbon tetrachloride	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Chloride	3,030	2,640	2,470	<250	1		µg/L	WA	0
		Chlorobenzene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0

Note: Flagging, dilution factors, modifiers, and laboratories are for fourth quarter 1994 data only. See Appendix B for flagging criteria.

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■ = exceeded screening level or final PDWS for fourth quarter 1994.

Well LFW 16 continued

ANALYTICAL DATA

H	ST	Analyte	1Q94	2Q94	3Q94	4Q94	DF	Mod	Unit	Lab	Flag
		Chloroethane	1.6	2.9	2.5	2.1	1	J	µg/L	WA	0
		Chloroethene (Vinyl chloride)	<10	<10	<10	<10	1		µg/L	WA	0
		Chloroform	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Chloromethane (Methyl chloride)	<10	<10	<10	9.3	1	J	µg/L	WA	1
		Chloroprene	<20	<100	<100	<100	1		µg/L	WA	0
		Chromium, total recoverable	<4.0	<4.0	<4.0	<4.0	1		µg/L	WA	0
		Copper, total recoverable	5.0	<4.0	<4.0	<4.0	1		µg/L	WA	0
		Dibromochloromethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,2-Dibromo-3-chloropropane	<20	<20	<20	<20	1		µg/L	WA	0
		1,2-Dibromoethane	<20	<20	<20	<20	1		µg/L	WA	0
		Dibromomethane	<10	<10	<10	<10	1		µg/L	WA	0
		trans-1,4-Dichloro-2-butene	<100		<100	<100	1		µg/L	WA	0
		Dichlorodifluoromethane	8.3	13	7.6	13	1		µg/L	WA	2
		1,1-Dichloroethane	28	40	31	28	1		µg/L	WA	2
		1,2-Dichloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,1-Dichloroethylene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		trans-1,2-Dichloroethylene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
■		Dichloromethane	24	<31	<60	19	1		µg/L	WA	2
		2,4-Dichlorophenoxyacetic acid	<1.1	<1.1	<1.1	<1.1	1.11		µg/L	WA	0
		1,2-Dichloropropane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		cis-1,3-Dichloropropene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		trans-1,3-Dichloropropene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Endrin	<0.11	<0.11	<0.11	<0.10	1.03	J	µg/L	WA	0
		Ethylbenzene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Fluoride	<100	<100	<100	<100	1		µg/L	WA	0
		Gross alpha	2.1E+00	3.8E+00	4.1E+00	2.2E+00	1	J	pCi/L	GP	0
		2-Hexanone	<10	<10	<10	<10	1		µg/L	WA	0
		Iodomethane (Methyl iodide)	<10	<10	<10	<10	1		µg/L	WA	0
		Iron, total recoverable	34	67	101	130	1		µg/L	WA	0
		Isobutyl alcohol	<20	<20	<20	<20	1		µg/L	WA	0
		Lead, total recoverable	3.9	4.8	4.8	8.1	1		µg/L	WA	0
		Lindane	<0.055	<0.055	<0.055	<0.052	1.03	J	µg/L	WA	0
		Magnesium, total recoverable	1,070	1,160	1,040	1,140	1		µg/L	WA	0
		Manganese, total recoverable	<2.0	<2.0	2.2	2.3	1		µg/L	WA	0
		Mercury, total recoverable	0.21	<0.20	<0.20	<0.20	1		µg/L	WA	0
		Methacrylonitrile	<20	<20	<20	<20	1		µg/L	WA	0
		Methoxychlor	<0.55	<0.55	<0.55	<0.52	1.03	J	µg/L	WA	0
		Methyl ethyl ketone	<10	<10	<10	<10	1		µg/L	WA	0
		Methyl isobutyl ketone	<10	3.2	<10	<10	1		µg/L	WA	0
		Nickel, total recoverable	4.6	<4.0	<4.0	13	1		µg/L	WA	0
		Nitrate as nitrogen	722	619	459	507	1		µg/L	WA	0
		Nonvolatile beta	8.2E+00	4.8E+00	4.0E+00	2.5E+00	1	J	pCi/L	GP	0
•		pH	5.1	5.9	5.5	4.9	1	J	pH	WA	0
		Phenols	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Potassium, total recoverable	<500	<500	<500	<500	1		µg/L	WA	0
		Propionitrile	<50	<50	<50	<50	1		µg/L	WA	0
		Radium, total alpha-emitting				1.4E+00	1	J	pCi/L	GP	0
		Radium-226	1.5E+00	5.9E-01	9.6E-01				pCi/L		
		Radium-228	3.1E+00	2.1E+00	1.4E+00				pCi/L		
		Selenium, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Silica, total recoverable	8,800	8,800	8,360	9,040	2.1		µg/L	WA	0
		Silver, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Sodium, total recoverable	1,410	1,340	1,330	1,440	1		µg/L	WA	0
		Specific conductance	22	27	27	28	1		µS/cm	WA	0
		Styrene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Sulfate	<1,000	<1,000	<1,000	<1,000	1		µg/L	WA	0
		1,1,1,2-Tetrachloroethane	<10	<10	<10	<10	1		µg/L	WA	0
		1,1,2,2-Tetrachloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Tetrachloroethylene	2.2	3.2	2.3	3.1	1	J	µg/L	WA	1
		Toluene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
•		Total dissolved solids	53,000	5,000	18,000	25,000	1	J	µg/L	WA	0
		Total organic carbon	1,730	<1,000	<1,000	<1,000	1		µg/L	WA	0

Note: Flagging, dilution factors, modifiers, and laboratories are for fourth quarter 1994 data only. See Appendix B for flagging criteria.

• = exceeded holding time for fourth quarter 1994.

■ = exceeded screening level or final PDWS for fourth quarter 1994.

Well LFW 16 continued

ANALYTICAL DATA

H	ST	Analyte	1Q94	2Q94	3Q94	4Q94	DF	Mod	Unit	Lab	Flag
		Total organic halogens	74	205	146	100	4		µg/L	WA	2
		Total phosphates (as P)	<50	51	<50	269	1		µg/L	WA	0
		Total suspended solids	<1,000	<1,000	9,000	<1,000	1		µg/L	GE	0
		Toxaphene	<1.1	<1.1	<1.1	<1.0	1.03	J	µg/L	WA	0
		2,4,5-TP (Silvex)	<0.55	<0.55	<0.56	<0.56	1.11		µg/L	WA	0
		1,1,1-Trichloroethane	1.3	1.7	1.1	<5.0	1		µg/L	WA	0
		1,1,2-Trichloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
■		Trichloroethylene	7.5	11	8.4	8.1	1		µg/L	WA	2
		Trichlorofluoromethane	4.3	5.3	3.5	3.9	1	J	µg/L	WA	0
		1,2,3-Trichloropropane	<10	<10	<10	<10	1		µg/L	WA	0
		Tritium	2.5E+01	2.8E+01	2.4E+01	1.7E+01	1		pCi/mL	GP	1
		Vanadium, total recoverable	<3.0	<3.0	<3.0	<3.0	1		µg/L	WA	0
		Vinyl acetate	<10	<10	<10	<10	1		µg/L	WA	0
		Xylenes	4.7	7.3	5.6	4.5	1	J	µg/L	WA	0

WELL LFW 17

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

SAMPLE DATE	12/13/93	03/18/94	06/07/94	09/02/94
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FIELD DATA

Analyte	1Q94	2Q94	3Q94	4Q94	Unit
Water elevation	154.9	156.1	154.8	154.3	ft msl
Depth to water	22.9	21.7	23.0	23.5	ft
pH	6.8	6.4	6.3	6.5	pH
Sp. conductance	253	385	378	351	µS/cm
Water temperature	19.2	20.1	19.3	19.6	°C
Alkalinity as CaCO ₃	101	101	158	110	mg/L
Turbidity	2	1	2	3	NTU
Volume purged	8.0	5.2	3.0	2.0	well vol.
Sampling code					

ANALYTICAL DATA

H	ST	Analyte	1Q94	2Q94	3Q94	4Q94	DF	Mod	Unit	Lab	Flag
		Acetone	<10	<10	<80	12	1		µg/L	WA	0
		Acetonitrile (Methyl cyanide)	<20	<20	<20	<20	1		µg/L	WA	0
		Acrolein	<10	<10	<10	<10	1		µg/L	WA	0
		Acrylonitrile	<10	<10	<10	<10	1		µg/L	WA	0
		Allyl chloride	<100	<20	<20	<20	1		µg/L	WA	0
		Aluminum, total recoverable	20	<20	<20	<20	1		µg/L	WA	0
		Arsenic, total recoverable	12	13	13	12	1		µg/L	WA	0
		Barium, total recoverable	6.7	6.0	5.1	4.8	1		µg/L	WA	0
		Benzene	2.1	3.8	3.5	2.3	1	J	µg/L	WA	0
		Bromodichloromethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Bromoform	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Bromomethane (Methyl bromide)	<10	<10	<10	<10	1		µg/L	WA	0
		Cadmium, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Calcium, total recoverable	5,080	5,940	5,800	4,870	1		µg/L	WA	0
		Carbon disulfide	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Carbon tetrachloride	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Chloride	25,700	36,200	42,300	34,300	2		µg/L	WA	0
		Chlorobenzene	41	84	82	17	1		µg/L	WA	0
		Chloroethane	6.4	8.1	6.0	4.2	1	J	µg/L	WA	0
■		Chloroethene (Vinyl chloride)	1.6	2.7	2.2	2.0	1	J	µg/L	WA	2
		Chloroform	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0

Note: Flagging, dilution factors, modifiers, and laboratories are for fourth quarter 1994 data only. See Appendix B for flagging criteria.

● = exceeded holding time for fourth quarter 1994.

■ = exceeded screening level or final PDWS for fourth quarter 1994.

Well LFW 17 continued

ANALYTICAL DATA

H	ST	Analyte	1Q94	2Q94	3Q94	4Q94	DF	Mod	Unit	Lab	Flag
		Chloromethane (Methyl chloride)	<10	<10	<10	<10	1		µg/L	WA	0
		Chloroprene	<20	<100	<100	<100	1		µg/L	WA	0
		Chromium, total recoverable	4.0	<4.0	<4.0	<4.0	1		µg/L	WA	0
		Copper, total recoverable	4.0	<4.0	<4.0	<4.0	1		µg/L	WA	0
		Dibromochloromethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,2-Dibromo-3-chloropropane	<20	<20	<20	<20	1		µg/L	WA	0
		1,2-Dibromoethane	<20	<20	<20	<20	1		µg/L	WA	0
		Dibromomethane	<10	<10	<10	<10	1		µg/L	WA	0
		trans-1,4-Dichloro-2-butene	<100		<100	<100	1		µg/L	WA	0
		Dichlorodifluoromethane	<10	<10	<10	<10	1		µg/L	WA	0
		1,1-Dichloroethane	21	35	27	24	1		µg/L	WA	2
		1,2-Dichloroethane	3.7	4.5	3.3	3.2	1	J	µg/L	WA	1
		1,1-Dichloroethylene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		trans-1,2-Dichloroethylene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Dichloromethane	<5.0	3.9	<39	<30	1	J	µg/L	WA	0
		2,4-Dichlorophenoxyacetic acid	<1.2	<1.1	<1.1	<1.1	1.1		µg/L	WA	0
		1,2-Dichloropropane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		cis-1,3-Dichloropropene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		trans-1,3-Dichloropropene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Endrin	<0.11	<0.11	<0.11	<0.10	1.03		µg/L	WA	0
		Ethylbenzene	11	15	15	8.3	1		µg/L	WA	0
		Fluoride	<100	102	<100	109	1		µg/L	WA	0
		Gross alpha	3.4E+00	3.2E+00	3.6E+00	3.2E+00	1	J	pCi/L	GP	0
		2-Hexanone	<10	<10	<10	<10	1		µg/L	WA	0
		Iodomethane (Methyl iodide)	<10	<10	<10	<10	1		µg/L	WA	0
		Iron, total recoverable	20,700	21,800	20,600	21,600	1		µg/L	WA	2
		Isobutyl alcohol	<20	<20	<20	<20	1		µg/L	WA	0
		Lead, total recoverable	<3.0	<3.0	<3.0	<3.0	1		µg/L	WA	0
		Lindane	<0.056	<0.055	<0.055	<0.052	1.03		µg/L	WA	0
		Magnesium, total recoverable	9,600	12,500	12,400	9,490	1		µg/L	WA	0
		Manganese, total recoverable	9.3	8.3	7.0	7.0	1		µg/L	WA	0
		Mercury, total recoverable	0.20	<0.20	<0.20	<0.20	1		µg/L	WA	0
		Methacrylonitrile	<20	<20	<20	<20	1		µg/L	WA	0
		Methoxychlor	<0.56	<0.55	<0.55	<0.52	1.03		µg/L	WA	0
		Methyl ethyl ketone	<10	<10	<10	<10	1		µg/L	WA	0
		Methyl isobutyl ketone	<10	<10	<10	<10	1		µg/L	WA	0
		Nickel, total recoverable	6.8	<4.0	<4.0	<4.0	1		µg/L	WA	0
		Nitrate as nitrogen	74	<20	<20	<20	1		µg/L	WA	0
		Nonvolatile beta	8.5E+00	8.4E+00	5.2E+00	3.1E+00	1	J	pCi/L	GP	0
•		pH	6.3	6.8	6.5	6.4	1	J	pH	WA	0
		Phenols	9.3	5.9	14	5.2	1		µg/L	WA	0
		Potassium, total recoverable	1,090	1,410	1,260	1,020	1		µg/L	WA	0
		Propionitrile	<50	<50	<50	<50	1		µg/L	WA	0
		Radium, total alpha-emitting				1.9E+00	1		pCi/L	GP	0
		Radium-226	1.0E+00	1.2E+00	2.9E+00				pCi/L		
		Radium-228	3.3E+00	3.2E+00	1.6E+00				pCi/L		
		Selenium, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Silica, total recoverable	5,870	5,990	6,590	6,540	2.1		µg/L	WA	0
		Silver, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Sodium, total recoverable	22,200	33,300	33,400	34,700	1		µg/L	WA	0
		Specific conductance	196	279	331	296	1		µS/cm	WA	1
		Styrene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Sulfate	2,060	2,390	<1,000	4,790	1		µg/L	WA	0
		1,1,1,2-Tetrachloroethane	<10	<10	<10	<10	1		µg/L	WA	0
		1,1,2,2-Tetrachloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Tetrachloroethylene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Toluene	<5.0	3.4	2.7	2.0	1	J	µg/L	WA	0
•		Total dissolved solids	111,000	169,000	135,000	147,000	1	J	µg/L	WA	0
		Total organic carbon	4,370	6,140	5,100	1,800	1		µg/L	WA	0
		Total organic halogens	208	398	553	186	5		µg/L	WA	2
		Total phosphates (as P)	<50	<50	70	106	1		µg/L	WA	0
		Total suspended solids	18,000	23,000	11,000	19,000	1		µg/L	GE	0

Note: Flagging, dilution factors, modifiers, and laboratories are for fourth quarter 1994 data only. See Appendix B for flagging criteria.

• = exceeded holding time for fourth quarter 1994.

■ = exceeded screening level or final PDWS for fourth quarter 1994.

Well LFW 17 continued

ANALYTICAL DATA

H	ST	Analyte	1Q94	2Q94	3Q94	4Q94	DF	Mod	Unit	Lab	Flag
		Toxaphene	<1.1	<1.1	<1.1	<1.0	1.03		µg/L	WA	0
		2,4,5-TP (Silvex)	<0.58	<0.55	<0.55	<0.55	1.1		µg/L	WA	0
		1,1,1-Trichloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,1,2-Trichloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Trichloroethylene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Trichlorofluoromethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,2,3-Trichloropropane	<10	<10	<10	<10	1		µg/L	WA	0
		Tritium	4.5E+00	5.8E+00	6.0E+00	4.9E+00	1		pCi/mL	GP	0
		Vanadium, total recoverable	<3.0	<3.0	<3.0	<3.0	1		µg/L	WA	0
		Vinyl acetate	<10	<10	<10	<10	1		µg/L	WA	0
		Xylenes	20	28	28	15	1		µg/L	WA	0

WELL LFW 18

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

SAMPLE DATE	12/13/93	03/18/94	06/07/94	09/02/94
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FIELD DATA

Analyte	1Q94	2Q94	3Q94	4Q94	Unit
Water elevation	154.8	155.8	154.6	154.1	ft msl
Depth to water	20.2	19.2	20.4	20.9	ft
pH	6.6	6.4	6.2	6.5	pH
Sp. conductance	209	386	283	264	µS/cm
Water temperature	19.5	19.8	19.0	20.3	°C
Alkalinity as CaCO ₃	89	104	156	211	mg/L
Turbidity	1	0	1	1	NTU
Volume purged	7.7	14.0	9.3	5.6	well vol.
Sampling code					

ANALYTICAL DATA

H	ST	Analyte	1Q94	2Q94	3Q94	4Q94	DF	Mod	Unit	Lab	Flag
		Acetone	<10	<10	<8.0	6.6	1	J	µg/L	WA	0
		Acetonitrile (Methyl cyanide)	<20	<20	<20	<20	1		µg/L	WA	0
		Acrolein	<10	<10	<10	<10	1		µg/L	WA	0
		Acrylonitrile	<10	<10	<10	<10	1		µg/L	WA	0
		Allyl chloride	<100	<20	<20	<20	1		µg/L	WA	0
		Aluminum, total recoverable	<20	<20	<20	<20	1		µg/L	WA	0
		Arsenic, total recoverable	22	32	25	24	1		µg/L	WA	0
		Barium, total recoverable	6.8	13	8.9	6.9	1		µg/L	WA	0
		Benzene	1.6	2.0	1.1	1.5	1	J	µg/L	WA	0
		Bromodichloromethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Bromoform	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Bromomethane (Methyl bromide)	<10	<10	<10	<10	1		µg/L	WA	0
		Cadmium, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Calcium, total recoverable	3,870	9,240	4,370	3,330	1		µg/L	WA	0
		Carbon disulfide	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Carbon tetrachloride	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Chloride	19,100	19,100	12,500	19,300	2		µg/L	WA	0
		Chlorobenzene	<5.0	5.3	2.2	<5.0	1		µg/L	WA	0
		Chloroethane	3.6	9.6	2.9	<10	1		µg/L	WA	0
■		Chloroethene (Vinyl chloride)	3.1	3.5	2.3	2.3	1	J	µg/L	WA	2
		Chloroform	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Chloromethane (Methyl chloride)	<10	<10	2.7	<10	1		µg/L	WA	0
		Chloroprene	<20	<100	<100	<100	1		µg/L	WA	0
		Chromium, total recoverable	<4.0	<4.0	<4.0	<4.0	1		µg/L	WA	0

Note: Flagging, dilution factors, modifiers, and laboratories are for fourth quarter 1994 data only. See Appendix B for flagging criteria.

● = exceeded holding time for fourth quarter 1994.

■ = exceeded screening level or final PDWS for fourth quarter 1994.

Well LFW 18 continued

ANALYTICAL DATA

H	ST	Analyte	1Q94	2Q94	3Q94	4Q94	DF	Mod	Unit	Lab	Flag
		Copper, total recoverable	4.0	<4.0	<4.0	<4.0	1		µg/L	WA	0
		Dibromochloromethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,2-Dibromo-3-chloropropane	<20	<20	<20	<20	1		µg/L	WA	0
		1,2-Dibromoethane	<20	<20	<20	<20	1		µg/L	WA	0
		Dibromomethane	<10	<10	<10	<10	1		µg/L	WA	0
		trans-1,4-Dichloro-2-butene	<100	<100	<100	<100	1		µg/L	WA	0
		Dichlorodifluoromethane	<10	<10	<10	<10	1		µg/L	WA	0
		1,1-Dichloroethane	9.0	15	4.6	5.0	1		µg/L	WA	1
		1,2-Dichloroethane	1.5	2.6	<5.0	<5.0	1		µg/L	WA	0
		1,1-Dichloroethylene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		trans-1,2-Dichloroethylene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Dichloromethane	<5.0	2.4	<3.9	2.1	1	J	µg/L	WA	0
		2,4-Dichlorophenoxyacetic acid	<1.2	<1.1	<1.1	<1.1	1.12		µg/L	WA	0
		1,2-Dichloropropane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		cis-1,3-Dichloropropene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		trans-1,3-Dichloropropene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Endrin	<0.11	<0.11	<0.11	<0.11	1.06		µg/L	WA	0
		Ethylbenzene	5.1	16	2.7	2.3	1	J	µg/L	WA	0
		Fluoride	<100	<100	<100	<100	1		µg/L	WA	0
		Gross alpha	7.4E+00	1.4E+01	1.1E+01	2.7E+00	1	J	pCi/L	GP	0
		2-Hexanone	<10	<10	<10	<10	1		µg/L	WA	0
		Iodomethane (Methyl iodide)	<10	<10	<10	<10	1		µg/L	WA	0
		Iron, total recoverable	34,200	58,400	49,800	40,500	1		µg/L	WA	2
		Isobutyl alcohol	<20	<20	<20	<20	1		µg/L	WA	0
		Lead, total recoverable	<3.0	<3.0	<3.0	<3.0	1		µg/L	WA	0
		Lindane	<0.056	<0.055	<0.055	<0.053	1.06		µg/L	WA	0
		Magnesium, total recoverable	5,110	8,400	5,960	4,930	1		µg/L	WA	0
		Manganese, total recoverable	10	13	11	11	1		µg/L	WA	0
		Mercury, total recoverable	<0.20	<0.20	<0.20	<0.20	1		µg/L	WA	0
		Methacrylonitrile	<20	<20	<20	<20	1		µg/L	WA	0
		Methoxychlor	<0.56	<0.55	<0.55	<0.53	1.06		µg/L	WA	0
		Methyl ethyl ketone	<10	<10	<10	<10	1		µg/L	WA	0
		Methyl isobutyl ketone	<10	<10	<10	<10	1		µg/L	WA	0
		Nickel, total recoverable	4.0	<4.0	<4.0	<4.0	1		µg/L	WA	0
		Nitrate as nitrogen	123	43	21	<20	1		µg/L	WA	0
		Nonvolatile beta	9.3E+00	2.2E+01	1.3E+01	5.0E+00	1		pCi/L	GP	0
•		pH	6.4	6.7	6.5	6.1	1	J	pH	WA	0
		Phenols	<5.0	6.2	<5.0	<5.0	1		µg/L	WA	0
		Potassium, total recoverable	1,200	3,220	1,790	1,610	1		µg/L	WA	0
		Propionitrile	<50	<50	<50	<50	1		µg/L	WA	0
		Radium, total alpha-emitting				3.2E+00	1		pCi/L	GP	0
		Radium-226	1.2E+00	2.8E+00	1.8E+00				pCi/L		
		Radium-228	1.3E+00	6.2E+00	3.2E+00				pCi/L		
		Selenium, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Silica, total recoverable	6,880	9,050	7,990	7,260	2.1		µg/L	WA	0
		Silver, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Sodium, total recoverable	12,300	12,300	7,800	10,300	1		µg/L	WA	0
		Specific conductance	149	266	188	153	1		µS/cm	WA	0
		Styrene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Sulfate	<1,000	<1,000	<1,000	<1,000	1		µg/L	WA	0
		1,1,1,2-Tetrachloroethane	<10	<10	<10	<10	1		µg/L	WA	0
		1,1,2,2-Tetrachloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Tetrachloroethylene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Toluene	<5.0	4.3	<5.0	1.2	1	J	µg/L	WA	0
•		Total dissolved solids	88,000	270,000	51,000	72,000	1	J	µg/L	WA	0
		Total organic carbon	3,420	7,560	2,800	1,000	1		µg/L	WA	0
		Total organic halogens	191	414	114	123	4		µg/L	WA	2
		Total phosphates (as P)	<50	<50	<50	<50	1		µg/L	WA	0
		Total suspended solids	32,000	35,000	14,000	38,000	1		µg/L	GE	0
		Toxaphene	<1.1	<1.1	<1.1	<1.1	1.06		µg/L	WA	0
		2,4,5-TP (Silvex)	<0.58	<0.56	<0.54	<0.56	1.12		µg/L	WA	0
		1,1,1-Trichloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0

Note: Flagging, dilution factors, modifiers, and laboratories are for fourth quarter 1994 data only. See Appendix B for flagging criteria.

• = exceeded holding time for fourth quarter 1994.

■ = exceeded screening level or final PDWS for fourth quarter 1994.

Well LFW 18 continued

ANALYTICAL DATA

H	ST	Analyte	1Q94	2Q94	3Q94	4Q94	DF	Mod	Unit	Lab	Flag
		1,1,2-Trichloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Trichloroethylene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Trichlorofluoromethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,2,3-Trichloropropane	<10	<10	<10	<10	1		µg/L	WA	0
		Tritium	6.5E+00	6.7E+00	5.7E+00	1.2E+01	1		pCi/mL	GP	1
		Vanadium, total recoverable	<3.0	<3.0	<3.0	<3.0	1		µg/L	WA	0
		Vinyl acetate	<10	<10	<10	<10	1		µg/L	WA	0
		Xylenes	13	24	4.2	2.6	1	J	µg/L	WA	0

WELL LFW 19

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

SAMPLE DATE	12/13/93	03/18/94	06/07/94	09/02/94
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FIELD DATA

Analyte	1Q94	2Q94	3Q94	4Q94	Unit
Water elevation	156.2	157.0	156.1	160.5	ft msl
Depth to water	20.5	19.7	20.6	16.2	ft
pH	5.0	4.6	4.8	4.9	pH
Sp. conductance	19	24	23	25	µS/cm
Water temperature	19.4	19.4	19.5	19.4	°C
Alkalinity as CaCO ₃	0	0	1	1	mg/L
Turbidity	2	1	4	1	NTU
Volume purged	8.8	8.8	8.2	6.8	well vol.
Sampling code					

ANALYTICAL DATA

H	ST	Analyte	1Q94	2Q94	3Q94	4Q94	DF	Mod	Unit	Lab	Flag
		Acetone	<10	<10	<80	<10	1		µg/L	WA	0
		Acetonitrile (Methyl cyanide)	<20	<20	<20	<20	1		µg/L	WA	0
		Acrolein	<10	<10	<10	<10	1		µg/L	WA	0
		Acrylonitrile	<10	<10	<10	<10	1		µg/L	WA	0
		Allyl chloride	<100	<20	<20	<20	1		µg/L	WA	0
		Aluminum, total recoverable	20	<20	<20	<20	1		µg/L	WA	0
		Arsenic, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Barium, total recoverable	4.0	<4.0	<4.0	4.2	1		µg/L	WA	0
		Benzene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Bromodichloromethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Bromoform	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Bromomethane (Methyl bromide)	<10	<10	<10	<10	1		µg/L	WA	0
		Cadmium, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Calcium, total recoverable	472	460	454	596	1		µg/L	WA	0
		Carbon disulfide	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Carbon tetrachloride	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Chloride	3,010	2,570	2,620	3,120	1		µg/L	WA	0
		Chlorobenzene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Chloroethane	<10	<10	<10	<10	1		µg/L	WA	0
		Chloroethene (Vinyl chloride)	<10	<10	<10	<10	1		µg/L	WA	0
		Chloroform	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Chloromethane (Methyl chloride)	<10	<10	2.0	5.8	1	J	µg/L	WA	1
		Chloroprene	<20	<100	<100	<100	1		µg/L	WA	0
		Chromium, total recoverable	<4.0	<4.0	<4.0	<4.0	1		µg/L	WA	0
		Copper, total recoverable	5.8	4.5	6.9	<4.0	1		µg/L	WA	0
		Dibromochloromethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,2-Dibromo-3-chloropropane	<20	<20	<20	<20	1		µg/L	WA	0

Note: Flagging, dilution factors, modifiers, and laboratories are for fourth quarter 1994 data only. See Appendix B for flagging criteria.

● = exceeded holding time for fourth quarter 1994.

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Well LFW 19 continued

ANALYTICAL DATA

H	ST	Analyte	1Q94	2Q94	3Q94	4Q94	DF	Mod	Unit	Lab	Flag
		1,2-Dibromoethane	<20	<20	<20	<20	1		µg/L	WA	0
		Dibromomethane	<10	1.2	<10	<10	1		µg/L	WA	0
		trans-1,4-Dichloro-2-butene	<100		<100	<100	1		µg/L	WA	0
		Dichlorodifluoromethane	<10	<10	<10	<10	1		µg/L	WA	0
		1,1-Dichloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,2-Dichloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,1-Dichloroethylene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		trans-1,2-Dichloroethylene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Dichloromethane	<5.0	1.4	<39	<5.0	1		µg/L	WA	0
		2,4-Dichlorophenoxyacetic acid	<1.1	<1.1	<1.1	<1.1	1.11		µg/L	WA	0
		1,2-Dichloropropane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		cis-1,3-Dichloropropene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		trans-1,3-Dichloropropene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Endrin	<0.11	<0.11	<0.11	<0.11	1.05		µg/L	WA	0
		Ethylbenzene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Fluoride	<100	<100	<100	<100	1		µg/L	WA	0
		Gross alpha	6.0E+00	7.8E+00	8.1E+00	3.9E+00	1		pCi/L	GP	0
		2-Hexanone	<10	<10	<10	<10	1		µg/L	WA	0
		Iodomethane (Methyl iodide)	<10	<10	<10	<10	1		µg/L	WA	0
		Iron, total recoverable	133	39	119	<4.0	1		µg/L	WA	0
		Isobutyl alcohol	<20	<20	<20	<20	1		µg/L	WA	0
		Lead, total recoverable	3.2	<3.0	9.8	<3.0	1		µg/L	WA	0
		Lindane	<0.056	<0.054	<0.053	<0.052	1.05		µg/L	WA	0
		Magnesium, total recoverable	542	551	527	521	1		µg/L	WA	0
		Manganese, total recoverable	2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Mercury, total recoverable	<0.20	<0.20	<0.20	<0.20	1		µg/L	WA	0
		Methacrylonitrile	<20	<20	<20	<20	1		µg/L	WA	0
		Methoxychlor	<0.56	<0.54	<0.53	<0.53	1.05		µg/L	WA	0
		Methyl ethyl ketone	<10	<10	<10	<10	1		µg/L	WA	0
		Methyl isobutyl ketone	<10	<10	<10	<10	1		µg/L	WA	0
		Nickel, total recoverable	4.3	<4.0	<4.0	<4.0	1		µg/L	WA	0
		Nitrate as nitrogen	578	450	391	666	1		µg/L	WA	0
		Nonvolatile beta	1.2E+01	1.2E+01	1.5E+01	5.0E+00	1		pCi/L	GP	0
		pH	6.0	5.8	5.7	5.5	1	J	pH	WA	0
		Phenols	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Potassium, total recoverable	500	<500	<500	859	1		µg/L	WA	0
		Propionitrile	<50	<50	<50	<50	1		µg/L	WA	0
		Radium, total alpha-emitting				2.9E+00	1		pCi/L	GP	0
		Radium-226	2.7E+00	1.6E+00	1.3E+00				pCi/L		
		Radium-228	4.8E+00	4.2E+00	6.3E+00				pCi/L		
		Selenium, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Silica, total recoverable	6,280	6,440	6,320	6,220	2.1		µg/L	WA	0
		Silver, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Sodium, total recoverable	1,560	1,450	1,380	1,400	1		µg/L	WA	0
		Specific conductance	16	18	20	25	1		µS/cm	WA	0
		Styrene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Sulfate	<1,000	<1,000	<1,000	<1,000	1		µg/L	WA	0
		1,1,1,2-Tetrachloroethane	<10	<10	<10	<10	1		µg/L	WA	0
		1,1,2,2-Tetrachloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Tetrachloroethylene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Toluene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Total dissolved solids	26,000	43,000	26,000	12,000	1	J	µg/L	WA	0
		Total organic carbon	<1,000	<1,000	<1,000	<1,000	1		µg/L	WA	0
		Total organic halogens	<5.0	<5.0	<5.0	5.7	1		µg/L	WA	0
		Total phosphates (as P)	<50	<50	<50	<50	1		µg/L	WA	0
		Total suspended solids	1,000	<1,000	<1,000	<1,000	1		µg/L	GE	0
		Toxaphene	<1.1	<1.1	<1.1	<1.1	1.05		µg/L	WA	0
		2,4,5-TP (Silvex)	<0.54	<0.55	<0.53	<0.56	1.11		µg/L	WA	0
		1,1,1-Trichloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,1,2-Trichloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Trichloroethylene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Trichlorofluoromethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0

Note: Flagging, dilution factors, modifiers, and laboratories are for fourth quarter 1994 data only. See Appendix B for flagging criteria.

● = exceeded holding time for fourth quarter 1994.

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Well LFW 19 continued

ANALYTICAL DATA

H	ST	Analyte	1Q94	2Q94	3Q94	4Q94	DF	Mod	Unit	Lab	Flag
		1,2,3-Trichloropropane	<10	<10	<10	<10	1		µg/L	WA	0
		Tritium	3.5E+00	3.0E+00	3.2E+00	3.2E+00	1		pCi/mL	GP	0
		Vanadium, total recoverable	<3.0	<3.0	<3.0	<3.0	1		µg/L	WA	0
		Vinyl acetate	<10	<10	<10	<10	1		µg/L	WA	0
		Xylenes	2.5	2.8	4.3	<5.0	1		µg/L	WA	0

WELL LFW 20

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

SAMPLE DATE	12/13/93	03/21/94	06/06/94	09/06/94
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FIELD DATA

Analyte	1Q94	2Q94	3Q94	4Q94	Unit
Water elevation	159.1	160.0	159.1	158.4	ft msl
Depth to water	21.4	20.6	21.4	22.2	ft
pH	5.0	4.9	4.6	4.7	pH
Sp. conductance	19	26	26	25	µS/cm
Water temperature	20.4	19.6	19.5	20.6	°C
Alkalinity as CaCO ₃	0	0	0	0	mg/L
Turbidity	1	1	2	3	NTU
Volume purged	17.6	21.2	18.1	7.8	well vol.
Sampling code					

ANALYTICAL DATA

H	ST	Analyte	1Q94	2Q94	3Q94	4Q94	DF	Mod	Unit	Lab	Flag
		Acetone	<10	<10	<10	<10	1		µg/L	WA	0
		Acetonitrile (Methyl cyanide)	<20	<20	<20	<20	1		µg/L	WA	0
		Acrolein	<10	<10	<10	<10	1		µg/L	WA	0
		Acrylonitrile	<10	<10	<10	<10	1		µg/L	WA	0
		Allyl chloride	<100	<20	<20	<20	1		µg/L	WA	0
		Aluminum, total recoverable	48	<20	34	23	1		µg/L	WA	0
		Arsenic, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Barium, total recoverable	6.3	6.9	6.7	6.3	1		µg/L	WA	0
		Benzene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Bromodichloromethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Bromoform	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Bromomethane (Methyl bromide)	<10	<10	<10	<10	1		µg/L	WA	0
		Cadmium, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Calcium, total recoverable	296	327	333	335	1		µg/L	WA	0
		Carbon disulfide	1.4	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Carbon tetrachloride	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Chloride	2,710	2,710	2,470	2,830	1		µg/L	WA	0
		Chlorobenzene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Chloroethane	<10	<10	<10	<10	1		µg/L	WA	0
		Chloroethene (Vinyl chloride)	<10	<10	<10	<10	1		µg/L	WA	0
		Chloroform	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Chloromethane (Methyl chloride)	<10	<10	6.8	2.0	1	J	µg/L	WA	0
		Chloroprene	<20	<100	<100	<100	1		µg/L	WA	0
		Chromium, total recoverable	4.0	<4.0	<4.0	4.5	1		µg/L	WA	0
		Copper, total recoverable	5.8	<4.0	<4.0	16	1		µg/L	WA	0
		Dibromochloromethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,2-Dibromo-3-chloropropane	<20	<20	<20	<20	1		µg/L	WA	0
		1,2-Dibromoethane	<20	<20	<20	<20	1		µg/L	WA	0
		Dibromomethane	<10	<10	<10	<10	1		µg/L	WA	0
		trans-1,4-Dichloro-2-butene	<100	<100	<100	<100	1		µg/L	WA	0

Note: Flagging, dilution factors, modifiers, and laboratories are for fourth quarter 1994 data only. See Appendix B for flagging criteria.

● = exceeded holding time for fourth quarter 1994.

■ = exceeded screening level or final PDWS for fourth quarter 1994.

Well LFW 20 continued

ANALYTICAL DATA

H	ST	Analyte	1Q94	2Q94	3Q94	4Q94	DF	Mod	Unit	Lab	Flag
		Dichlorodifluoromethane	<10	<10	<10	<10	1		µg/L	WA	0
		1,1-Dichloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,2-Dichloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,1-Dichloroethylene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		trans-1,2-Dichloroethylene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Dichloromethane	<5.0	<2.0	<5.0	<5.0	1		µg/L	WA	0
		2,4-Dichlorophenoxyacetic acid	<1.1	<1.2	<1.1	<1.1	1.08		µg/L	WA	0
		1,2-Dichloropropane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		cis-1,3-Dichloropropene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		trans-1,3-Dichloropropene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Endrin	<0.11	<0.11	<0.11	<0.10	1.03		µg/L	WA	0
		Ethylbenzene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Fluoride	<100	<100	<100	<100	1		µg/L	WA	0
		Gross alpha	3.6E+00	5.9E+00	7.3E+00	2.4E+00	1	J	pCi/L	GP	0
		2-Hexanone	<10	<10	<10	<10	1		µg/L	WA	0
		Iodomethane (Methyl iodide)	<10	<10	<10	<10	1		µg/L	WA	0
		Iron, total recoverable	146	47	88	172	1		µg/L	WA	1
		Isobutyl alcohol	<20	<20	<20	<20	1		µg/L	WA	0
		Lead, total recoverable	3.5	4.1	3.7	4.9	1		µg/L	WA	0
		Lindane	<0.056	<0.053	<0.056	<0.052	1.03		µg/L	WA	0
		Magnesium, total recoverable	475	532	533	555	1		µg/L	WA	0
		Manganese, total recoverable	2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Mercury, total recoverable	<0.20	<0.20	<0.20	<0.20	1		µg/L	WA	0
		Methacrylonitrile	<20	<20	<20	<20	1		µg/L	WA	0
		Methoxychlor	<0.56	<0.53	<0.56	<0.52	1.03		µg/L	WA	0
		Methyl ethyl ketone	<10	<10	<10	<10	1		µg/L	WA	0
		Methyl isobutyl ketone	<10	<10	<10	<10	1		µg/L	WA	0
		Nickel, total recoverable	4.0	<4.0	<4.0	13	1		µg/L	WA	0
		Nitrate as nitrogen	887	741	640	798	1		µg/L	WA	0
		Nonvolatile beta	7.5E+00	6.6E+00	1.1E+01	6.3E+00	1		pCi/L	GP	0
•		pH	5.3	5.6	5.0	6.2	1	J	pH	WA	0
		Phenols	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Potassium, total recoverable	<500	<500	<500	<500	1		µg/L	WA	0
		Propionitrile	<50	<50	<50	<50	1		µg/L	WA	0
		Radium, total alpha-emitting				1.6E+00	1	J	pCi/L	GP	0
		Radium-226	1.3E+00	1.1E+00	2.7E+00				pCi/L		
		Radium-228	3.7E+00	6.0E+00	4.7E+00				pCi/L		
		Selenium, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Silica, total recoverable	7,100	6,790	6,680	6,830	2.1		µg/L	WA	0
		Silver, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Sodium, total recoverable	1,960	1,950	1,960	2,030	1		µg/L	WA	0
		Specific conductance	17	21	23	27	1		µS/cm	WA	0
		Styrene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Sulfate	<1,000	2,370	<1,000	<1,000	1		µg/L	WA	0
		1,1,1,2-Tetrachloroethane	<10	<10	<10	<10	1		µg/L	WA	0
		1,1,2,2-Tetrachloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Tetrachloroethylene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Toluene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Total dissolved solids	19,000	17,000	31,000	14,000	1		µg/L	WA	0
		Total organic carbon	<1,000	<1,000	<1,000	<1,000	1		µg/L	WA	0
		Total organic halogens	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Total phosphates (as P)	<50	<50	<50	<50	1		µg/L	WA	0
		Total suspended solids	5,000	<1,000	<1,000	<1,000	1		µg/L	GE	0
		Toxaphene	<1.1	<1.1	<1.1	<1.0	1.03		µg/L	WA	0
		2,4,5-TP (Silvex)	<0.55	<0.58	<0.54	<0.54	1.08		µg/L	WA	0
		1,1,1-Trichloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,1,2-Trichloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Trichloroethylene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Trichlorofluoromethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,2,3-Trichloropropane	<10	<10	<10	<10	1		µg/L	WA	0
		Tritium	1.9E+00	2.0E+00	2.2E+00	1.9E+00	1		pCi/mL	GP	0
		Vanadium, total recoverable	<3.0	<3.0	<3.0	<3.0	1		µg/L	WA	0

Note: Flagging, dilution factors, modifiers, and laboratories are for fourth quarter 1994 data only. See Appendix B for flagging criteria.

• = exceeded holding time for fourth quarter 1994.

■ = exceeded screening level or final PDWS for fourth quarter 1994.

Well LFW 20 continued

ANALYTICAL DATA

H	ST	Analyte	1Q94	2Q94	3Q94	4Q94	DF	Mod	Unit	Lab	Flag
		Vinyl acetate	<10	<10	<10	<10	1		µg/L	WA	0
		Xylenes	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0

WELL LFW 21

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

SAMPLE DATE	12/15/93	03/28/94	06/10/94	09/07/94
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FIELD DATA

Analyte	1Q94	2Q94	3Q94	4Q94	Unit
Water elevation	150.3	151.7	150.3	149.8	ft msl
Depth to water	25.3	23.9	25.3	25.8	ft
pH	6.7	6.6	6.6	6.7	pH
Sp. conductance	1469	1200	947	1130	µS/cm
Water temperature	19.6	19.0	18.7	19.7	°C
Alkalinity as CaCO ₃	369	204	235	336	mg/L
Turbidity	4	10	7	8	NTU
Volume purged	30.8	36.2	11.9	14.8	well vol.
Sampling code					

ANALYTICAL DATA

H	ST	Analyte	1Q94	2Q94	3Q94	4Q94	DF	Mod	Unit	Lab	Flag
		Acetone	3,660	3,370	2,630	3,340	20		µg/L	WA	2
		Acetonitrile (Methyl cyanide)	<200	13	<100	21	1		µg/L	WA	0
		Acrolein	<100	<10	<50	<10	1		µg/L	WA	0
		Acrylonitrile	<100	<10	<50	<10	1		µg/L	WA	0
		Allyl chloride	<1,000	<20	<100	<20	1		µg/L	WA	0
		Aluminum, total recoverable	<20	65	37	39	1		µg/L	WA	1
		Arsenic, total recoverable	34	23	26	29	1		µg/L	WA	1
		Barium, total recoverable	17	14	12	16	1		µg/L	WA	0
■		Benzene	17	12	9.7	11	1		µg/L	WA	2
		Bromodichloromethane	<50	<5.0	<25	<5.0	1		µg/L	WA	0
		Bromoform	<50	<5.0	<25	<5.0	1		µg/L	WA	0
		Bromomethane (Methyl bromide)	<100	<10	<50	<10	1		µg/L	WA	0
		Cadmium, total recoverable	<10	<10	<10	<2.0	1		µg/L	WA	0
		Calcium, total recoverable	80,400	68,000	57,800	55,500	1		µg/L	WA	0
		Carbon disulfide	13	1.3	<25	<5.0	1		µg/L	WA	0
		Carbon tetrachloride	<50	<5.0	<25	<5.0	1		µg/L	WA	0
		Chloride	62,900	51,400	46,200	52,800	5		µg/L	WA	0
		Chlorobenzene	<50	2.7	<25	2.8	1	J	µg/L	WA	0
		Chloroethane	<100	<10	<50	<10	1		µg/L	WA	0
■		Chloroethene (Vinyl chloride)	<100	2.4	<50	2.7	1	J	µg/L	WA	2
		Chloroform	<50	<5.0	<25	<5.0	1		µg/L	WA	0
		Chloromethane (Methyl chloride)	<100	<10	<50	25	1		µg/L	WA	2
		Chloroprene	<200	<100	<500	<100	1		µg/L	WA	0
		Chromium, total recoverable	<4.0	<4.0	<4.0	<4.0	1		µg/L	WA	0
		Copper, total recoverable	<4.0	6.7	6.9	7.7	1		µg/L	WA	0
		Dibromochloromethane	<50	<5.0	<25	<5.0	1		µg/L	WA	0
		1,2-Dibromo-3-chloropropane	<200	<20	<100	<20	1		µg/L	WA	0
		1,2-Dibromoethane	<200	<20	<100	<20	1		µg/L	WA	0
		Dibromomethane	<100	<10	<50	<10	1		µg/L	WA	0
		trans-1,4-Dichloro-2-butene	<1,000	<100	<500	<100	1		µg/L	WA	0
		Dichlorodifluoromethane	<100	5.7	<50	2.2	1	J	µg/L	WA	0
		1,1-Dichloroethane	350	218	155	212	20		µg/L	WA	2
		1,2-Dichloroethane	<50	2.6	<25	<5.0	1		µg/L	WA	0

Note: Flagging, dilution factors, modifiers, and laboratories are for fourth quarter 1994 data only. See Appendix B for flagging criteria.

● = exceeded holding time for fourth quarter 1994.

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Well LFW 21 continued

ANALYTICAL DATA

H	ST	Analyte	1Q94	2Q94	3Q94	4Q94	DF	Mod	Unit	Lab	Flag
		1,1-Dichloroethylene	<50	3.2	<25	3.5	1	J	µg/L	WA	1
		trans-1,2-Dichloroethylene	<50	1.0	<25	<5.0	1		µg/L	WA	0
		Dichloromethane	<50	3.6	<50	<50	1	J	µg/L	WA	0
		2,4-Dichlorophenoxyacetic acid	<1.1	<1.1	<1.1	<1.1	1.05		µg/L	WA	0
■		1,2-Dichloropropane	<50	5.7	<25	5.1	1		µg/L	WA	2
		cis-1,3-Dichloropropene	<50	<5.0	<25	<5.0	1		µg/L	WA	0
		trans-1,3-Dichloropropene	<50	<5.0	<25	<5.0	1		µg/L	WA	0
		Endrin	<0.11	<0.11	<0.11	<0.10	1.04		µg/L	WA	0
		Ethylbenzene	94	94	66	82	1		µg/L	WA	0
		Fluoride	228	220	234	182	1		µg/L	WA	0
		Gross alpha	1.4E+00	9.8E+00	9.8E+00	8.9E+00	1		pCi/L	GP	1
		2-Hexanone	<100	13	7.0	6.5	1	J	µg/L	WA	0
		Iodomethane (Methyl iodide)	<100	<10	<50	<10	1		µg/L	WA	0
		Iron, total recoverable	318,000	206,000	160,000	208,000	5		µg/L	WA	2
		Isobutyl alcohol	<200	<20	<100	<20	1		µg/L	WA	0
		Lead, total recoverable	<3.0	<3.0	<3.0	<3.0	1		µg/L	WA	0
		Lindane	<0.055	<0.056	<0.052	<0.052	1.04		µg/L	WA	0
		Magnesium, total recoverable	39,700	33,900	25,700	28,900	1		µg/L	WA	0
		Manganese, total recoverable	208	86	64	82	5		µg/L	WA	2
		Mercury, total recoverable	<0.20	0.20	<0.20	<0.20	1		µg/L	WA	0
		Methacrylonitrile	<200	<20	<100	<20	1		µg/L	WA	0
		Methoxychlor	<0.55	<0.56	<0.53	<0.52	1.04		µg/L	WA	0
		Methyl ethyl ketone	4,050	4,000	2,280	2,300	20		µg/L	WA	0
		Methyl isobutyl ketone	2,960	2,230	913	1,130	20		µg/L	WA	0
		Nickel, total recoverable	<4.0	<4.0	<4.0	<4.0	1		µg/L	WA	0
		Nitrate as nitrogen	<20	<20	<20	294	1		µg/L	WA	0
•		Nonvolatile beta	9.9E+00	9.9E+00	6.6E+00	4.2E+00	1		pCi/L	GP	0
		pH	6.0	7.1	5.8	6.1	1	J	pH	WA	0
		Phenols	600	523	490	422	2		µg/L	WA	2
		Potassium, total recoverable	556	<2,500	588	778	1		µg/L	WA	0
		Propionitrile	<500	<50	<250	<50	1		µg/L	WA	0
		Radium, total alpha-emitting				4.7E+00	1		pCi/L	GP	0
		Radium-226	2.9E+00	1.7E+00	2.0E+00				pCi/L		
		Radium-228	5.5E+00	4.7E+00	3.7E+00				pCi/L		
		Selenium, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Silica, total recoverable	7,400	7,880	6,690	7,190	2.1		µg/L	WA	0
		Silver, total recoverable	<10	<10	10	8.7	1		µg/L	WA	0
		Sodium, total recoverable	66,500	55,500	55,800	53,100	1		µg/L	WA	0
		Specific conductance	1,090	872	791	942	1		µS/cm	WA	2
		Styrene	<50	<5.0	<25	<5.0	1		µg/L	WA	0
		Sulfate	1,400	15,300	<2,000	<1,000	1		µg/L	WA	0
		1,1,1,2-Tetrachloroethane	<100	<10	<50	<10	1		µg/L	WA	0
		1,1,2,2-Tetrachloroethane	<50	<5.0	<25	<5.0	1		µg/L	WA	0
		Tetrachloroethylene	<50	1.2	<25	<5.0	1		µg/L	WA	0
		Toluene	441	251	230	294	20		µg/L	WA	0
		Total dissolved solids	200,000	741,000	634,000	1.0E+06	1		µg/L	WA	0
		Total organic carbon	450,000	275,000	192,000	239,000	20		µg/L	WA	2
		Total organic halogens	1,000	260	685	2,200	10		µg/L	WA	2
		Total phosphates (as P)	<50	<50	<50	679	2		µg/L	WA	0
		Total suspended solids	261,000	112,000	111,000	234,000	1		µg/L	GE	0
		Toxaphene	<1.1	<1.1	<1.1	<1.0	1.04		µg/L	WA	0
		2,4,5-TP (Silvex)	<0.55	<0.56	<0.53	<0.53	1.05		µg/L	WA	0
		1,1,1-Trichloroethane	<50	<5.0	<25	<5.0	1		µg/L	WA	0
		1,1,2-Trichloroethane	<50	<5.0	<25	<5.0	1		µg/L	WA	0
		Trichloroethylene	<50	5.8	<25	3.8	1	J	µg/L	WA	1
		Trichlorofluoromethane	<50	2.4	<25	<5.0	1		µg/L	WA	0
		1,2,3-Trichloropropane	<100	<10	<50	<10	1		µg/L	WA	0
■		Tritium	4.7E+01	2.4E+01	1.7E+01	5.6E+01	1		pCi/mL	GP	2
		Vanadium, total recoverable	<15	<15	<3.0	<15	5		µg/L	WA	0
		Vinyl acetate	<100	<10	<50	<10	1		µg/L	WA	0
		Xylenes	332	324	209	262	1		µg/L	WA	0

Note: Flagging, dilution factors, modifiers, and laboratories are for fourth quarter 1994 data only. See Appendix B for flagging criteria.

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WELL LFW 22

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

SAMPLE DATE	12/15/93	03/21/94	06/08/94	09/06/94
FIELD DATA				

Analyte	1Q94	2Q94	3Q94	4Q94	Unit
Water elevation	150.5	152.3	150.8	150.1	ft msl
Depth to water	23.7	21.9	23.4	24.1	ft
pH	6.7	6.6	6.5	6.6	pH
Sp. conductance	607	715	772	900	µS/cm
Water temperature	19.1	19.0	18.8	19.7	°C
Alkalinity as CaCO ₃	192	157	243	246	mg/L
Turbidity	1	1	1	2	NTU
Volume purged	7.3	12.6	7.8	7.3	well vol.
Sampling code					

ANALYTICAL DATA

H	ST	Analyte	1Q94	2Q94	3Q94	4Q94	DF	Mod	Unit	Lab	Flag
		Acetone	1,000	1,480	2,380	3,310	20		µg/L	WA	2
		Acetonitrile (Methyl cyanide)	<200	<20	<20	<20	1		µg/L	WA	0
		Acrolein	<100	<10	<10	<10	1		µg/L	WA	0
		Acrylonitrile	<100	<10	<10	<10	1		µg/L	WA	0
		Allyl chloride	<1,000	<20	<20	<20	1		µg/L	WA	0
		Aluminum, total recoverable	<20	<20	<20	<20	1	J	µg/L	WA	0
		Arsenic, total recoverable	15	6.5	11	19	1		µg/L	WA	0
		Barium, total recoverable	5.7	6.1	7.8	9.2	1		µg/L	WA	0
■		Benzene	<50	4.1	4.4	5.7	1		µg/L	WA	2
		Bromodichloromethane	<50	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Bromoform	<50	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Bromomethane (Methyl bromide)	<100	<10	<10	<10	1		µg/L	WA	0
		Cadmium, total recoverable	<10	<10	<20	<2.0	1		µg/L	WA	0
		Calcium, total recoverable	21,300	19,400	27,200	26,200	1		µg/L	WA	0
		Carbon disulfide	<50	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Carbon tetrachloride	<50	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Chloride	24,000	27,100	30,400	33,800	20		µg/L	WA	0
		Chlorobenzene	<50	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Chloroethane	<100	<10	<10	<5.0	1		µg/L	WA	0
		Chloroethene (Vinyl chloride)	<100	<10	3.7	<10	1		µg/L	WA	0
		Chloroform	<50	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Chloromethane (Methyl chloride)	<100	<10	<10	<10	1		µg/L	WA	0
		Chloroprene	<200	<100	<100	<100	1		µg/L	WA	0
		Chromium, total recoverable	<4.0	<4.0	<4.0	<4.0	1		µg/L	WA	0
		Copper, total recoverable	<4.0	<4.0	6.5	6.0	1		µg/L	WA	0
		Dibromochloromethane	<50	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,2-Dibromo-3-chloropropane	<200	<20	<20	<20	1		µg/L	WA	0
		1,2-Dibromoethane	<200	<20	<20	<20	1		µg/L	WA	0
		Dibromomethane	<100	<10	<10	<10	1		µg/L	WA	0
		trans-1,4-Dichloro-2-butene	<1,000	<100	<100	<100	1		µg/L	WA	0
		Dichlorodifluoromethane	<100	18	24	14	1		µg/L	WA	2
		1,1-Dichloroethane	90	84	97	131	1		µg/L	WA	2
		1,2-Dichloroethane	<50	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,1-Dichloroethylene	<50	2.6	1.6	2.2	1	J	µg/L	WA	0
		trans-1,2-Dichloroethylene	<50	<5.0	<5.0	<5.0	1		µg/L	WA	0
■		Dichloromethane	350	332	451	611	20		µg/L	WA	2
		2,4-Dichlorophenoxyacetic acid	<1.1	<1.1	<1.1	<1.1	1.06		µg/L	WA	0
		1,2-Dichloropropane	<50	2.5	2.0	3.4	1	J	µg/L	WA	1
		cis-1,3-Dichloropropene	<50	<5.0	<5.0	<5.0	1		µg/L	WA	0

Note: Flagging, dilution factors, modifiers, and laboratories are for fourth quarter 1994 data only. See Appendix B for flagging criteria.

● = exceeded holding time for fourth quarter 1994.

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Well LFW 22 continued

ANALYTICAL DATA

H	ST	Analyte	1Q94	2Q94	3Q94	4Q94	DF	Mod	Unit	Lab	Flag
		trans-1,3-Dichloropropene	<50	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Endrin	<0.11	<0.11	<0.11	<0.10	1.03		µg/L	WA	0
		Ethylbenzene	50	52	56	59	1		µg/L	WA	0
		Fluoride	147	159	139	145	1		µg/L	WA	0
		Gross alpha	5.7E+00	<1.7E+00	1.1E+01	4.3E+00	1		pCi/L	GP	0
		2-Hexanone	<100	4.6	5.1	7.0	1	J	µg/L	WA	0
		Iodomethane (Methyl iodide)	<100	<10	<10	<10	1		µg/L	WA	0
		Iron, total recoverable	181,000	160,000	191,000	205,000	5	J	µg/L	WA	2
		Isobutyl alcohol	<200	<20	<20	<20	1		µg/L	WA	0
		Lead, total recoverable	<3.0	<3.0	<3.0	<3.0	1	J	µg/L	WA	0
		Lindane	<0.055	<0.055	<0.055	<0.052	1.03		µg/L	WA	0
		Magnesium, total recoverable	10,200	12,600	16,100	17,500	1		µg/L	WA	0
		Manganese, total recoverable	54	68	106	99	5		µg/L	WA	2
		Mercury, total recoverable	<0.20	<0.20	<0.20	<0.20	1		µg/L	WA	0
		Methacrylonitrile	<200	<20	<20	<20	1		µg/L	WA	0
		Methoxychlor	<0.55	<0.55	<0.55	<0.52	1.03		µg/L	WA	0
		Methyl ethyl ketone	806	1,280	1,800	2,360	20		µg/L	WA	0
		Methyl isobutyl ketone	1,170	1,270	1,430	1,840	20		µg/L	WA	0
		Nickel, total recoverable	<4.0	<4.0	<4.0	<4.0	1		µg/L	WA	0
		Nitrate as nitrogen	<20	<20	<20	<20	1		µg/L	WA	0
•		Nonvolatile beta	1.1E+02	4.7E+00	5.6E+00	3.2E+00	1	J	pCi/L	GP	0
		pH	5.9	6.1	5.5	5.7	1	J	pH	WA	0
		Phenols	198	247	358	464	3	J	µg/L	WA	2
		Potassium, total recoverable	<500	<2,500	<500	<500	1		µg/L	WA	0
		Propionitrile	<500	<50	<50	<50	1		µg/L	WA	0
		Radium, total alpha-emitting				3.0E+00	1		pCi/L	GP	0
		Radium-226	7.0E-01	8.1E-01	1.0E+00				pCi/L		
		Radium-228	1.5E+00	2.3E+00	2.1E+00				pCi/L		
		Selenium, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Silica, total recoverable	6,830	6,500	6,630	5,920	2.1		µg/L	WA	0
		Silver, total recoverable	<10	<10	<20	7.1	1		µg/L	WA	0
		Sodium, total recoverable	19,200	24,400	29,500	38,100	1		µg/L	WA	0
		Specific conductance	385	462	585	723	1		µS/cm	WA	2
		Styrene	<50	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Sulfate	<1,000	<1,000	<1,000	<20,000	20		µg/L	WA	0
		1,1,1,2-Tetrachloroethane	<100	<10	<10	<10	1		µg/L	WA	0
		1,1,2,2-Tetrachloroethane	<50	<5.0	<5.0	<5.0	1		µg/L	WA	0
■		Tetrachloroethylene	<50	3.9	2.9	5.0	1		µg/L	WA	2
		Toluene	122	95	119	262	20		µg/L	WA	0
		Total dissolved solids	282,000	354,000	482,000	593,000	1		µg/L	WA	0
		Total organic carbon	109,000	152,000	184,000	270,000	20		µg/L	WA	2
		Total organic halogens	1,040	826	444	1,080	10		µg/L	WA	2
		Total phosphates (as P)	165	<50	<50	57	1		µg/L	WA	0
		Total suspended solids	138,000	68,000	37,000	116,000	1		µg/L	GE	0
		Toxaphene	<1.1	<1.1	<1.1	<1.0	1.03		µg/L	WA	0
		2,4,5-TP (Silvex)	<0.55	<0.53	<0.55	<0.53	1.06		µg/L	WA	0
		1,1,1-Trichloroethane	<50	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,1,2-Trichloroethane	<50	<5.0	<5.0	<5.0	1		µg/L	WA	0
■		Trichloroethylene	16	23	22	30	1		µg/L	WA	2
		Trichlorofluoromethane	20	9.1	<5.0	<5.0	1		µg/L	WA	0
		1,2,3-Trichloropropane	<100	<10	<10	<10	1		µg/L	WA	0
		Tritium	5.4E+00	7.0E+00	8.6E+00	9.3E+00	1		pCi/mL	GP	0
		Vanadium, total recoverable	<15	<15	<3.0	<15	5		µg/L	WA	0
		Vinyl acetate	<100	<10	<10	<10	1		µg/L	WA	0
		Xylenes	158	184	209	219	1		µg/L	WA	0

Note: Flagging, dilution factors, modifiers, and laboratories are for fourth quarter 1994 data only. See Appendix B for flagging criteria.

• = exceeded holding time for fourth quarter 1994.

■ = exceeded screening level or final PDWS for fourth quarter 1994.

WELL LFW 23

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

SAMPLE DATE	12/15/93	03/21/94	06/08/94	09/06/94
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FIELD DATA

Analyte	1Q94	2Q94	3Q94	4Q94	Unit
Water elevation	150.7	152.8	151.0	150.3	ft msl
Depth to water	21.1	19.0	20.8	21.5	ft
pH	5.0	4.7	4.5	4.8	pH
Sp. conductance	241	25	25	26	µS/cm
Water temperature	19.6	18.8	18.7	20.6	°C
Alkalinity as CaCO ₃	0	0	0	1	mg/L
Turbidity	1	1	1	1	NTU
Volume purged	10.3	7.8	9.4	5.7	well vol.
Sampling code					

ANALYTICAL DATA

H	ST	Analyte	1Q94	2Q94	3Q94	4Q94	DF	Mod	Unit	Lab	Flag
		Acetone	<10	<50	<10	<10	1		µg/L	WA	0
		Acetonitrile (Methyl cyanide)	<20	<20	<20	<20	1		µg/L	WA	0
		Acrolein	<10	<10	<10	<10	1		µg/L	WA	0
		Acrylonitrile	<10	<10	<10	<10	1		µg/L	WA	0
		Allyl chloride	<100	<20	<20	<20	1		µg/L	WA	0
		Aluminum, total recoverable	23	22	<20	70	1		µg/L	WA	2
		Arsenic, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Barium, total recoverable	4.3	4.6	<4.0	5.7	1		µg/L	WA	0
		Benzene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Bromodichloromethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Bromoform	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Bromomethane (Methyl bromide)	<10	<10	<10	<10	1		µg/L	WA	0
		Cadmium, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Calcium, total recoverable	360	355	366	342	1		µg/L	WA	0
		Carbon disulfide	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Carbon tetrachloride	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Chloride	2,250	1,920	1,900	2,300	1		µg/L	WA	0
		Chlorobenzene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Chloroethane	2.6	2.6	<10	2.9	1	J	µg/L	WA	0
		Chloroethane (Vinyl chloride)	<10	<10	<10	<10	1		µg/L	WA	0
		Chloroform	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Chloromethane (Methyl chloride)	<10	<10	<10	<10	1		µg/L	WA	0
		Chloroprene	<20	<100	<100	<100	1		µg/L	WA	0
		Chromium, total recoverable	<4.0	<4.0	<4.0	<4.0	1		µg/L	WA	0
		Copper, total recoverable	<4.0	<4.0	<4.0	7.5	1		µg/L	WA	0
		Dibromochloromethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,2-Dibromo-3-chloropropane	<20	<20	<20	<20	1		µg/L	WA	0
		1,2-Dibromoethane	<20	<20	<20	<20	1		µg/L	WA	0
		Dibromomethane	<10	<10	<10	<10	1		µg/L	WA	0
		trans-1,4-Dichloro-2-butene	<100	<100	<100	<100	1		µg/L	WA	0
		Dichlorodifluoromethane	2.2	1.6	1.5	2.0	1	J	µg/L	WA	0
		1,1-Dichloroethane	7.3	5.4	5.8	7.8	1		µg/L	WA	1
		1,2-Dichloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,1-Dichloroethylene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		trans-1,2-Dichloroethylene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Dichloromethane	<5.0	<30	2.8	<30	1	J	µg/L	WA	0
		2,4-Dichlorophenoxyacetic acid	<1.1	<1.1	<1.1	<1.1	1.05		µg/L	WA	0
		1,2-Dichloropropane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		cis-1,3-Dichloropropene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0

Note: Flagging, dilution factors, modifiers, and laboratories are for fourth quarter 1994 data only. See Appendix B for flagging criteria.

● = exceeded holding time for fourth quarter 1994.

■ = exceeded screening level or final PDWS for fourth quarter 1994.

Well LFW 23 continued

ANALYTICAL DATA

H	ST	Analyte	1Q94	2Q94	3Q94	4Q94	DF	Mod	Unit	Lab	Flag
		trans-1,3-Dichloropropene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Endrin	<0.11	<0.11	<0.11	<0.10	1.03		µg/L	WA	0
		Ethylbenzene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Fluoride	<100	<100	<100	<100	1		µg/L	WA	0
		Gross alpha	2.0E+00	5.0E+00	4.0E+00	2.6E+00	1	J	pCi/L	GP	0
		2-Hexanone	<10	<10	<10	<10	1		µg/L	WA	0
		Iodomethane (Methyl iodide)	<10	<10	<10	<10	1		µg/L	WA	0
		Iron, total recoverable	67	22	35	190	1		µg/L	WA	1
		Isobutyl alcohol	<20	<20	<20	<20	1		µg/L	WA	0
		Lead, total recoverable	6.4	7.3	9.5	13	1		µg/L	WA	0
		Lindane	<0.056	<0.055	<0.053	<0.052	1.03		µg/L	WA	0
		Magnesium, total recoverable	663	557	548	484	1		µg/L	WA	0
		Manganese, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Mercury, total recoverable	<0.20	<0.20	<0.20	<0.20	1		µg/L	WA	0
		Methacrylonitrile	<20	<20	<20	<20	1		µg/L	WA	0
		Methoxychlor	<0.56	<0.55	<0.53	<0.52	1.03		µg/L	WA	0
		Methyl ethyl ketone	<10	<10	<10	<10	1		µg/L	WA	0
		Methyl isobutyl ketone	<10	<10	<10	<10	1		µg/L	WA	0
		Nickel, total recoverable	12	<4.0	4.6	<26	1	J	µg/L	WA	0
		Nitrate as nitrogen	856	864	1,760	756	1		µg/L	WA	0
		Nonvolatile beta	2.4E+01	6.6E+00	4.1E+00	1.7E+00	1	J	pCi/L	GP	0
		pH	5.2	5.6	4.8	5.1	1	J	pH	WA	0
		Phenols	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Potassium, total recoverable	<500	<500	<500	<500	1		µg/L	WA	0
		Propionitrile	<50	<50	<50	<50	1		µg/L	WA	0
		Radium, total alpha-emitting				1.1E+00	1	J	pCi/L	GP	0
		Radium-226	1.2E+00	1.1E+00	1.1E+00				pCi/L		
		Radium-228	2.8E+00	2.4E+00	1.4E+00				pCi/L		
		Selenium, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Silica, total recoverable	7,800	7,010	7,250	7,630	2.1		µg/L	WA	0
		Silver, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Sodium, total recoverable	2,100	1,740	1,960	2,200	1		µg/L	WA	0
		Specific conductance	19	19	21	22	1		µS/cm	WA	0
		Styrene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Sulfate	<1,000	<1,000	<1,000	<1,000	1		µg/L	WA	0
		1,1,1,2-Tetrachloroethane	<10	<10	<10	<10	1		µg/L	WA	0
		1,1,2,2-Tetrachloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Tetrachloroethylene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Toluene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Total dissolved solids	21,000	32,000	9,000	21,000	1		µg/L	WA	0
		Total organic carbon	1,160	<1,000	1,100	1,200	1		µg/L	WA	0
		Total organic halogens	20	45	21	77	2		µg/L	WA	2
		Total phosphates (as P)	82	79	<50	139	1		µg/L	WA	0
		Total suspended solids	<1,000	<1,000	<1,000	<1,000	1		µg/L	GE	0
		Toxaphene	<1.1	<1.1	<1.1	<1.0	1.03		µg/L	WA	0
		2,4,5-TP (Silvex)	<0.55	<0.56	<0.56	<0.53	1.05		µg/L	WA	0
		1,1,1-Trichloroethane	1.1	1.1	<5.0	<5.0	1		µg/L	WA	0
		1,1,2-Trichloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Trichloroethylene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Trichlorofluoromethane	3.1	2.9	2.8	4.5	1		µg/L	WA	0
		1,2,3-Trichloropropane	<10	<10	<10	<10	1		µg/L	WA	0
		Tritium	3.0E+00	2.8E+00	2.5E+00	3.3E+00	1		pCi/mL	GP	0
		Vanadium, total recoverable	<3.0	<3.0	<3.0	<3.0	1		µg/L	WA	0
		Vinyl acetate	<10	<10	<10	<10	1		µg/L	WA	0
		Xylenes	1.5	1.4	<5.0	1.4	1	J	µg/L	WA	0

Note: Flagging, dilution factors, modifiers, and laboratories are for fourth quarter 1994 data only. See Appendix B for flagging criteria.

● = exceeded holding time for fourth quarter 1994.

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WELL LFW 24

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

SAMPLE DATE	12/17/93	03/21/94	06/08/94	09/06/94
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FIELD DATA

Analyte	1Q94	2Q94	3Q94	4Q94	Unit
Water elevation	153.2	155.3	153.5	152.7	ft msl
Depth to water	18.1	16.0	17.9	18.6	ft
pH	4.6	4.8	4.6	5.0	pH
Sp. conductance	20	21	20	20	µS/cm
Water temperature	19.2	17.4	17.8	19.1	°C
Alkalinity as CaCO ₃	0	0	1	2	mg/L
Turbidity	1	1	1	3	NTU
Volume purged	8.6	10.9	8.9	5.3	well vol.
Sampling code					

ANALYTICAL DATA

H	ST	Analyte	1Q94	2Q94	3Q94	4Q94	DF	Mod	Unit	Lab	Flag
		Acetone	<10	<10	<10	<10	1		µg/L	WA	0
		Acetonitrile (Methyl cyanide)	<20	<20	<20	<20	1		µg/L	WA	0
		Acrolein	<10	<10	<10	<10	1		µg/L	WA	0
		Acrylonitrile	<10	<10	<10	<10	1		µg/L	WA	0
		Allyl chloride	<100	<20	<20	<20	1		µg/L	WA	0
		Aluminum, total recoverable	29	38	35	70	1		µg/L	WA	2
		Arsenic, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Barium, total recoverable	4.5	4.5	<4.0	4.1	1		µg/L	WA	0
		Benzene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Bromodichloromethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Bromoform	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Bromomethane (Methyl bromide)	<10	<10	<10	<10	1		µg/L	WA	0
		Cadmium, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Calcium, total recoverable	282	305	272	276	1		µg/L	WA	0
		Carbon disulfide	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Carbon tetrachloride	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Chloride	2,420	2,660	2,240	2,680	1		µg/L	WA	0
		Chlorobenzene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Chloroethane	<10	<10	<10	<10	1		µg/L	WA	0
		Chloroethene (Vinyl chloride)	<10	<10	<10	<10	1		µg/L	WA	0
		Chloroform	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Chloromethane (Methyl chloride)	<10	<10	<10	11	1		µg/L	WA	2
		Chloroprene	<20	<100	<100	<100	1		µg/L	WA	0
		Chromium, total recoverable	<4.0	<4.0	<4.0	<4.0	1		µg/L	WA	0
		Copper, total recoverable	5.0	<4.0	<4.0	7.4	1		µg/L	WA	0
		Dibromochloromethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,2-Dibromo-3-chloropropane	<20	<20	<20	<20	1		µg/L	WA	0
		1,2-Dibromoethane	<20	<20	<20	<20	1		µg/L	WA	0
		Dibromomethane	<10	<10	<10	<10	1		µg/L	WA	0
		trans-1,4-Dichloro-2-butene	<100	<100	<100	<100	1		µg/L	WA	0
		Dichlorodifluoromethane	<10	<10	<10	<10	1		µg/L	WA	0
		1,1-Dichloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,2-Dichloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,1-Dichloroethylene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		trans-1,2-Dichloroethylene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Dichloromethane	<5.0	<3.1	<5.0	<5.0	1		µg/L	WA	0
		2,4-Dichlorophenoxyacetic acid	<1.1	<1.1	<1.1	<1.1	1.1		µg/L	WA	0
		1,2-Dichloropropane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		cis-1,3-Dichloropropene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0

Note: Flagging, dilution factors, modifiers, and laboratories are for fourth quarter 1994 data only. See Appendix B for flagging criteria.

- = exceeded holding time for fourth quarter 1994.
- = exceeded screening level or final PDWS for fourth quarter 1994.

Well LFW 24 continued

ANALYTICAL DATA

H	ST	Analyte	1Q94	2Q94	3Q94	4Q94	DF	Mod	Unit	Lab	Flag
		trans-1,3-Dichloropropene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Endrin	<0.11	<0.11	<0.11	<0.11	1.06		µg/L	WA	0
		Ethylbenzene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Fluoride	<100	<100	<100	<100	1		µg/L	WA	0
		Gross alpha	2.6E+00	3.2E+00	7.6E+00	2.3E+00	1	J	pCi/L	GP	0
		2-Hexanone	<10	<10	<10	<10	1		µg/L	WA	0
		Iodomethane (Methyl iodide)	<10	<10	<10	<10	1		µg/L	WA	0
		Iron, total recoverable	44	30	51	89	1		µg/L	WA	0
		Isobutyl alcohol	<20	<20	<20	<20	1		µg/L	WA	0
		Lead, total recoverable	4.9	4.2	4.7	5.4	1		µg/L	WA	0
		Lindane	<0.056	<0.055	<0.055	<0.053	1.06		µg/L	WA	0
		Magnesium, total recoverable	500	536	510	481	1		µg/L	WA	0
		Manganese, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Mercury, total recoverable	0.25	<0.20	<0.20	<0.20	1		µg/L	WA	0
		Methacrylonitrile	<20	<20	<20	<20	1		µg/L	WA	0
		Methoxychlor	<0.56	<0.55	<0.55	<0.53	1.06		µg/L	WA	0
		Methyl ethyl ketone	<10	<10	<10	<10	1		µg/L	WA	0
		Methyl isobutyl ketone	<10	<10	<10	<10	1		µg/L	WA	0
		Nickel, total recoverable	<4.0	<4.0	<4.0	<4.0	1		µg/L	WA	0
		Nitrate as nitrogen	535	488	486	443	1		µg/L	WA	0
		Nonvolatile beta	2.7E+01	3.2E+00	4.3E+00	3.5E+00	1		pCi/L	GP	0
●		pH	6.1	5.6	4.7	5.2	1	J	pH	WA	0
		Phenols	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Potassium, total recoverable	<500	<500	<500	<500	1		µg/L	WA	0
		Propionitrile	<50	<50	<50	<50	1		µg/L	WA	0
		Radium, total alpha-emitting				1.3E+00	1	J	pCi/L	GP	0
		Radium-226	9.4E-01	7.2E-01	5.8E-01				pCi/L		
		Radium-228	2.1E+00	2.6E+00	2.2E+00				pCi/L		
		Selenium, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Silica, total recoverable	5,840	6,010	5,670	5,750	2.1		µg/L	WA	0
		Silver, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Sodium, total recoverable	1,330	1,340	1,200	1,300	1		µg/L	WA	0
		Specific conductance	16	17	18	20	1		µS/cm	WA	0
		Styrene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Sulfate	<1,000	<1,000	<1,000	<1,000	1		µg/L	WA	0
		1,1,1,2-Tetrachloroethane	<10	<10	<10	<10	1		µg/L	WA	0
		1,1,2,2-Tetrachloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Tetrachloroethylene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Toluene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Total dissolved solids	39,000	26,000	<1,000	4,000	1		µg/L	WA	0
		Total organic carbon	1,140	<1,000	<1,000	1,000	1		µg/L	WA	0
		Total organic halogens	<5.0	16	<5.0	<5.0	1		µg/L	WA	0
		Total phosphates (as P)	<50	<50	<50	<50	1		µg/L	WA	0
		Total suspended solids	1,000	<1,000	<1,000	<1,000	1		µg/L	GE	0
		Toxaphene	<1.1	<1.1	<1.1	<1.1	1.06		µg/L	WA	0
		2,4,5-TP (Silvex)	<0.55	<0.55	<0.55	<0.55	1.1		µg/L	WA	0
		1,1,1-Trichloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,1,2-Trichloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Trichloroethylene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Trichlorofluoromethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,2,3-Trichloropropane	<10	<10	<10	<10	1		µg/L	WA	0
		Tritium	5.0E+00	3.5E+00	2.8E+00	2.9E+00	1		pCi/mL	GP	0
		Vanadium, total recoverable	<3.0	<3.0	<3.0	<3.0	1		µg/L	WA	0
		Vinyl acetate	<10	<10	<10	<10	1		µg/L	WA	0
		Xylenes	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0

Note: Flagging, dilution factors, modifiers, and laboratories are for fourth quarter 1994 data only. See Appendix B for flagging criteria.

● = exceeded holding time for fourth quarter 1994.

■ = exceeded screening level or final PDWS for fourth quarter 1994.

WELL LFW 25

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

SAMPLE DATE	12/17/93	03/28/94	06/07/94	09/06/94
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FIELD DATA

Analyte	1Q94	2Q94	3Q94	4Q94	Unit
Water elevation	155.8	158.9	156.1	155.2	ft msl
Depth to water	18.9	15.8	18.6	19.5	ft
pH	4.7	4.7	4.4	5.1	pH
Sp. conductance	18	18	18	17	µS/cm
Water temperature	19.0	19.2	18.6	18.5	°C
Alkalinity as CaCO ₃	0	0	1	0	mg/L
Turbidity	0	1	0	1	NTU
Volume purged	4.1	1.2	4.1	8.9	well vol.
Sampling code					

ANALYTICAL DATA

H	ST	Analyte	1Q94	2Q94	3Q94	4Q94	DF	Mod	Unit	Lab	Flag
		Acetone	<10	5.2	<80	4.9	1	J	µg/L	WA	0
		Acetonitrile (Methyl cyanide)	<20	<20	<20	<20	1		µg/L	WA	0
		Acrolein	<10	<10	<10	<10	1		µg/L	WA	0
		Acrylonitrile	<10	<10	<10	<10	1		µg/L	WA	0
		Allyl chloride	<100	<20	<20	<20	1		µg/L	WA	0
		Aluminum, total recoverable	<20	<20	28	79	1		µg/L	WA	2
		Arsenic, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Barium, total recoverable	4.4	<4.0	4.4	4.7	1		µg/L	WA	0
		Benzene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Bromodichloromethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Bromoform	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Bromomethane (Methyl bromide)	<10	<10	<10	<10	1		µg/L	WA	0
		Cadmium, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Calcium, total recoverable	194	178	228	236	1		µg/L	WA	0
		Carbon disulfide	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Carbon tetrachloride	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Chloride	2,400	2,380	2,380	2,520	1		µg/L	WA	0
		Chlorobenzene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Chloroethane	<10	<10	<10	<10	1		µg/L	WA	0
		Chloroethene (Vinyl chloride)	<10	<10	<10	<10	1		µg/L	WA	0
		Chloroform	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Chloromethane (Methyl chloride)	<10	<10	1.7	8.8	1	J	µg/L	WA	1
		Chloroprene	<20	<100	<100	<100	1		µg/L	WA	0
		Chromium, total recoverable	<4.0	<4.0	<4.0	<4.0	1		µg/L	WA	0
		Copper, total recoverable	5.6	7.2	5.0	<4.0	1		µg/L	WA	0
		Dibromochloromethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,2-Dibromo-3-chloropropane	<20	<20	<20	<20	1		µg/L	WA	0
		1,2-Dibromoethane	<20	<20	<20	<20	1		µg/L	WA	0
		Dibromomethane	<10	<10	<10	<10	1		µg/L	WA	0
		trans-1,4-Dichloro-2-butene	<100	<100	<100	<100	1		µg/L	WA	0
		Dichlorodifluoromethane	<10	<10	<10	<10	1		µg/L	WA	0
		1,1-Dichloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,2-Dichloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,1-Dichloroethylene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		trans-1,2-Dichloroethylene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Dichloromethane	<5.0	<5.0	<39	<5.0	1		µg/L	WA	0
		2,4-Dichlorophenoxyacetic acid	<1.1	<1.1	<1.1	<1.1	1.09		µg/L	WA	0
		1,2-Dichloropropane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		cis-1,3-Dichloropropene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0

Note: Flagging, dilution factors, modifiers, and laboratories are for fourth quarter 1994 data only. See Appendix B for flagging criteria.

● = exceeded holding time for fourth quarter 1994.

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Well LFW 25 continued

ANALYTICAL DATA

H	ST	Analyte	1Q94	2Q94	3Q94	4Q94	DF	Mod	Unit	Lab	Flag
		trans-1,3-Dichloropropene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Endrin	<0.11	<0.11	<0.11	<0.10	1.03		µg/L	WA	0
		Ethylbenzene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Fluoride	<100	<100	<100	<100	1		µg/L	WA	0
		Gross alpha	3.6E+00	2.7E+00	6.8E+00	3.7E+00	1		pCi/L	GP	0
		2-Hexanone	<10	<10	<10	<10	1		µg/L	WA	0
		Iodomethane (Methyl iodide)	<10	<10	<10	<10	1		µg/L	WA	0
		Iron, total recoverable	41	76	42	33	1		µg/L	WA	0
		Isobutyl alcohol	<20	<20	<20	<20	1		µg/L	WA	0
		Lead, total recoverable	3.5	6.1	5.3	<3.0	1		µg/L	WA	0
		Lindane	<0.052	<0.055	<0.054	<0.052	1.03		µg/L	WA	0
		Magnesium, total recoverable	472	361	388	378	1		µg/L	WA	0
		Manganese, total recoverable	<2.0	2.2	2.0	<2.0	1		µg/L	WA	0
		Mercury, total recoverable	0.21	<0.20	<0.20	<0.20	1		µg/L	WA	0
		Methacrylonitrile	<20	<20	<20	<20	1		µg/L	WA	0
		Methoxychlor	<0.53	<0.55	<0.54	<0.52	1.03		µg/L	WA	0
		Methyl ethyl ketone	<10	<10	<10	<10	1		µg/L	WA	0
		Methyl isobutyl ketone	<10	<10	<10	<10	1		µg/L	WA	0
		Nickel, total recoverable	<4.0	5.5	<4.0	<4.0	1		µg/L	WA	0
		Nitrate as nitrogen	236	233	253	285	1		µg/L	WA	0
		Nonvolatile beta	2.3E+01	6.3E+00	1.4E+01	7.1E+00	1		pCi/L	GP	0
		pH	5.3	6.7	5.5	5.2	1	J	pH	WA	0
		Phenols	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Potassium, total recoverable	<500	<500	<500	<500	1		µg/L	WA	0
		Propionitrile	<50	<50	<50	<50	1		µg/L	WA	0
		Radium, total alpha-emitting				2.9E+00	1		pCi/L	GP	0
		Radium-226	6.9E-01	8.6E-01	2.2E+00				pCi/L		
		Radium-228	3.8E+00	5.2E+00	5.6E+00				pCi/L		
		Selenium, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Silica, total recoverable	6,020	6,320	6,100	6,270	2.1		µg/L	WA	0
		Silver, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Sodium, total recoverable	1,380	1,450	1,360	1,590	1		µg/L	WA	0
		Specific conductance	13	14	16	18	1		µS/cm	WA	0
		Styrene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Sulfate	<1,000	<1,000	<1,000	<1,000	1		µg/L	WA	0
		1,1,1,2-Tetrachloroethane	<10	<10	<10	<10	1		µg/L	WA	0
		1,1,2,2-Tetrachloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Tetrachloroethylene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Toluene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Total dissolved solids	17,000	92,000	12,000	7,000	1		µg/L	WA	0
		Total organic carbon	<1,000	<1,000	<1,000	1,000	1		µg/L	WA	0
		Total organic halogens	<5.0	18	<5.0	8.5	1		µg/L	WA	0
		Total phosphates (as P)	<50	<50	<50	140	1		µg/L	WA	0
		Total suspended solids	2,000	<1,000	<1,000	<1,000	1		µg/L	GE	0
		Toxaphene	<1.1	<1.1	<1.1	<1.0	1.03		µg/L	WA	0
		2,4,5-TP (Silvex)	<0.55	<0.54	<0.55	<0.55	1.09		µg/L	WA	0
		1,1,1-Trichloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,1,2-Trichloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Trichloroethylene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Trichlorofluoromethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,2,3-Trichloropropane	<10	<10	<10	<10	1		µg/L	WA	0
		Tritium	1.8E+00	1.5E+00	2.0E+00	2.5E+00	1		pCi/mL	GP	0
		Vanadium, total recoverable	<3.0	<3.0	<3.0	<3.0	1		µg/L	WA	0
		Vinyl acetate	<10	<10	<10	<10	1		µg/L	WA	0
		Xylenes	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0

Note: Flagging, dilution factors, modifiers, and laboratories are for fourth quarter 1994 data only. See Appendix B for flagging criteria.

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WELL LFW 26

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

SAMPLE DATE	12/13/93	03/21/94	06/06/94	09/15/94
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FIELD DATA

Analyte	1Q94	2Q94	3Q94	4Q94	Unit
Water elevation	161.8	162.5	161.6	160.9	ft msl
Depth to water	24.7	24.0	24.9	25.6	ft
pH	5.0	4.9	4.6	4.9	pH
Sp. conductance	11	19	15	18	µS/cm
Water temperature	19.5	20.1	19.5	19.7	°C
Alkalinity as CaCO ₃	0	0	1	0	mg/L
Turbidity	0	1	0	1	NTU
Volume purged	25.7	7.7	12.3	39.6	well vol.
Sampling code					

ANALYTICAL DATA

H	ST	Analyte	1Q94	2Q94	3Q94	4Q94	DF	Mod	Unit	Lab	Flag
		Acetone	<10	<10	<10	<10	1		µg/L	WA	0
		Acetonitrile (Methyl cyanide)	<20	<20	<20	<20	1		µg/L	WA	0
		Acrolein	<10	<10	<10	<10	1		µg/L	WA	0
		Acrylonitrile	<10	<10	<10	<10	1		µg/L	WA	0
		Allyl chloride	<100	<20	<20	<20	1		µg/L	WA	0
		Aluminum, total recoverable	20	<20	21	<20	1		µg/L	WA	0
		Arsenic, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Barium, total recoverable	4.0	4.0	4.5	4.5	1		µg/L	WA	0
		Benzene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Bromodichloromethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Bromoform	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Bromomethane (Methyl bromide)	<10	<10	<10	<10	1		µg/L	WA	0
		Cadmium, total recoverable	2.0	4.1	<2.0	<2.0	1		µg/L	WA	0
		Calcium, total recoverable	185	180	237	203	1		µg/L	WA	0
		Carbon disulfide	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Carbon tetrachloride	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Chloride	2,080	1,950	1,990	2,370	1		µg/L	WA	0
		Chlorobenzene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Chloroethane	<10	<10	<10	<10	1		µg/L	WA	0
		Chloroethene (Vinyl chloride)	<10	<10	<10	<10	1		µg/L	WA	0
		Chloroform	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Chloromethane (Methyl chloride)	<10	<10	<10	6.1	1	J	µg/L	WA	1
		Chloroprene	<20	<100	<100	<100	1		µg/L	WA	0
		Chromium, total recoverable	<4.0	<4.0	<4.0	<4.0	1		µg/L	WA	0
		Copper, total recoverable	<4.0	<4.0	<4.0	<4.0	1		µg/L	WA	0
		Dibromochloromethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,2-Dibromo-3-chloropropane	<20	<20	<20	<20	1		µg/L	WA	0
		1,2-Dibromoethane	<20	<20	<20	<20	1		µg/L	WA	0
		Dibromomethane	<10	<10	<10	<10	1		µg/L	WA	0
		trans-1,4-Dichloro-2-butene	<100	<100	<100	<100	1		µg/L	WA	0
		Dichlorodifluoromethane	<10	<10	<10	<10	1		µg/L	WA	0
		1,1-Dichloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,2-Dichloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,1-Dichloroethylene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		trans-1,2-Dichloroethylene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Dichloromethane	<5.0	<3.1	<5.0	<5.0	1		µg/L	WA	0
		2,4-Dichlorophenoxyacetic acid	<1.0	<1.1	<1.1	<1.1	1.1		µg/L	WA	0
		1,2-Dichloropropane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		cis-1,3-Dichloropropene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0

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● = exceeded holding time for fourth quarter 1994.

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Well LFW 26 continued

ANALYTICAL DATA

H	ST	Analyte	1Q94	2Q94	3Q94	4Q94	DF	Mod	Unit	Lab	Flag
		trans-1,3-Dichloropropene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Endrin	<0.11	<0.11	<0.11	<0.11	1.09		µg/L	WA	0
		Ethylbenzene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Fluoride	<100	<100	<100	<100	1		µg/L	WA	0
		Gross alpha	1.6E+00	1.8E+00	2.9E+00	1.0E+00	1	UI	pCi/L	GP	0
		2-Hexanone	<10	<10	<10	<10	1		µg/L	WA	0
		Iodomethane (Methyl iodide)	<10	<10	<10	<10	1		µg/L	WA	0
		Iron, total recoverable	19	29	81	<61	1	J	µg/L	WA	0
		Isobutyl alcohol	<20	<20	<20	<20	1		µg/L	WA	0
		Lead, total recoverable	<3.0	<3.0	<3.0	<3.0	1		µg/L	WA	0
		Lindane	<0.056	<0.055	<0.055	<0.055	1.09		µg/L	WA	0
		Magnesium, total recoverable	252	253	299	277	1		µg/L	WA	0
		Manganese, total recoverable	2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Mercury, total recoverable	<0.20	<0.20	<0.20	<0.20	1		µg/L	WA	0
		Methacrylonitrile	<20	<20	<20	<20	1		µg/L	WA	0
		Methoxychlor	<0.56	<0.55	<0.55	<0.55	1.09		µg/L	WA	0
		Methyl ethyl ketone	<10	<10	<10	<10	1		µg/L	WA	0
		Methyl isobutyl ketone	<10	<10	<10	<10	1		µg/L	WA	0
		Nickel, total recoverable	4.0	<4.0	4.2	<4.0	1		µg/L	WA	0
		Nitrate as nitrogen	179	98	90	142	1		µg/L	WA	0
•		Nonvolatile beta	3.5E+00	4.7E+00	4.0E+00	2.1E+00	1	J	pCi/L	GP	0
		pH	5.3	5.7	5.2	5.0	1	J	pH	WA	0
		Phenols	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Potassium, total recoverable	500	<500	<500	<500	1		µg/L	WA	0
		Propionitrile	<50	<50	<50	<50	1		µg/L	WA	0
		Radium, total alpha-emitting				1.2E+00	1	J	pCi/L	GP	0
		Radium-226	9.0E-01	7.0E-01	8.0E-01				pCi/L		
		Radium-228	1.2E+00	1.3E+00	4.7E+00				pCi/L		
		Selenium, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Silica, total recoverable	6,070	6,110	6,010	6,760	2.1	J	µg/L	WA	0
		Silver, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Sodium, total recoverable	1,160	1,190	1,260	1,230	1		µg/L	WA	0
		Specific conductance	11	12	13	15	1		µS/cm	WA	0
		Styrene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Sulfate	<1,000	<1,000	<1,000	<1,000	1		µg/L	WA	0
		1,1,1,2-Tetrachloroethane	<10	<10	<10	<10	1		µg/L	WA	0
		1,1,2,2-Tetrachloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Tetrachloroethylene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Toluene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Total dissolved solids	4,000	18,000	22,000	27,000	1		µg/L	WA	0
		Total organic carbon	<1,000	<1,000	<1,000	<1,000	1		µg/L	WA	0
		Total organic halogens	<5.0	14	<5.0	<5.0	1		µg/L	WA	0
		Total phosphates (as P)	<50	<50	<50	801	2		µg/L	WA	0
		Total suspended solids	2,000	<1,000	<1,000	<1,000	1		µg/L	GE	0
		Toxaphene	<1.1	<1.1	<1.1	<1.1	1.09		µg/L	WA	0
		2,4,5-TP (Silvex)	<0.52	<0.55	<0.55	<0.55	1.1		µg/L	WA	0
		1,1,1-Trichloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,1,2-Trichloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Trichloroethylene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Trichlorofluoromethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,2,3-Trichloropropane	<10	<10	<10	<10	1		µg/L	WA	0
		Tritium	2.1E+00	1.7E+00	1.4E+00	1.8E+00	1		pCi/mL	GP	0
		Vanadium, total recoverable	<3.0	<3.0	<3.0	<3.0	1		µg/L	WA	0
		Vinyl acetate	<10	<10	<10	<10	1		µg/L	WA	0
		Xylenes	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0

Note: Flagging, dilution factors, modifiers, and laboratories are for fourth quarter 1994 data only. See Appendix B for flagging criteria.

• = exceeded holding time for fourth quarter 1994.

■ = exceeded screening level or final PDWS for fourth quarter 1994.

WELL LFW 27

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

SAMPLE DATE	12/13/93	03/21/94	06/03/94	09/07/94
FIELD DATA				

Analyte	1Q94	2Q94	3Q94	4Q94	Unit
Water elevation	162.7	163.3	162.5	161.8	ft msl
Depth to water	26.5	25.9	26.8	27.4	ft
pH	5.1	4.9	4.8	4.8	pH
Sp. conductance	14	23	21	23	µS/cm
Water temperature	19.0	21.0	19.4	20.4	°C
Alkalinity as CaCO ₃	0	1	1	0	mg/L
Turbidity	0	1	0	1	NTU
Volume purged	8.1	4.4	5.9	4.5	well vol.
Sampling code					

ANALYTICAL DATA

H	ST	Analyte	1Q94	2Q94	3Q94	4Q94	DF	Mod	Unit	Lab	Flag
		Acetone	<10	<10	<10	<10	1		µg/L	WA	0
		Acetonitrile (Methyl cyanide)	<20	<20	<20	<20	1		µg/L	WA	0
		Acrolein	<10	<10	<10	<10	1		µg/L	WA	0
		Acrylonitrile	<10	<10	<10	<10	1		µg/L	WA	0
		Allyl chloride	<100	<20	<20	<20	1		µg/L	WA	0
		Aluminum, total recoverable	33	<20	24	<20	1		µg/L	WA	0
		Arsenic, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Barium, total recoverable	5.8	5.5	5.7	5.2	1		µg/L	WA	0
		Benzene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Bromodichloromethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Bromoform	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Bromomethane (Methyl bromide)	<10	<10	<10	<10	1		µg/L	WA	0
		Cadmium, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Calcium, total recoverable	323	250	282	265	1		µg/L	WA	0
		Carbon disulfide	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Carbon tetrachloride	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Chloride	2,420	2,630	2,450	2,390	1		µg/L	WA	0
		Chlorobenzene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Chloroethane	<10	<10	<10	<10	1		µg/L	WA	0
		Chloroethene (Vinyl chloride)	<10	<10	<10	<10	1		µg/L	WA	0
		Chloroform	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Chloromethane (Methyl chloride)	<10	<10	2.3	16	1		µg/L	WA	2
		Chloroprene	<20	<100	<100	<100	1		µg/L	WA	0
		Chromium, total recoverable	4.0	<4.0	<4.0	<4.0	1		µg/L	WA	0
		Copper, total recoverable	4.0	<4.0	<4.0	<4.0	1		µg/L	WA	0
		Dibromochloromethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,2-Dibromo-3-chloropropane	<20	<20	<20	<20	1		µg/L	WA	0
		1,2-Dibromoethane	<20	<20	<20	<20	1		µg/L	WA	0
		Dibromomethane	<10	<10	<10	<10	1		µg/L	WA	0
		trans-1,4-Dichloro-2-butene	<100	<100	<100	<100	1		µg/L	WA	0
		Dichlorodifluoromethane	<10	<10	<10	<10	1		µg/L	WA	0
		1,1-Dichloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,2-Dichloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,1-Dichloroethylene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		trans-1,2-Dichloroethylene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Dichloromethane	<5.0	<3.7	<30	1.0	1	J	µg/L	WA	0
		2,4-Dichlorophenoxyacetic acid	<1.0	<1.1	<1.1	<1.1	1.05		µg/L	WA	0
		1,2-Dichloropropane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		cis-1,3-Dichloropropene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0

Note: Flagging, dilution factors, modifiers, and laboratories are for fourth quarter 1994 data only. See Appendix B for flagging criteria.

● = exceeded holding time for fourth quarter 1994.

■ = exceeded screening level or final PDWS for fourth quarter 1994.

Well LFW 27 continued

ANALYTICAL DATA

H	ST	Analyte	1Q94	2Q94	3Q94	4Q94	DF	Mod	Unit	Lab	Flag
		trans-1,3-Dichloropropene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Endrin	<0.11	<0.11	<0.11	<0.10	1.04		µg/L	WA	0
		Ethylbenzene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Fluoride	<100	<100	<100	<100	1		µg/L	WA	0
		Gross alpha	2.4E+00	1.2E+00	5.0E-01	1.1E+00	1	J	pCi/L	GP	0
		2-Hexanone	<10	<10	<10	<10	1		µg/L	WA	0
		Iodomethane (Methyl iodide)	<10	<10	<10	<10	1		µg/L	WA	0
		Iron, total recoverable	46	23	35	69	1		µg/L	WA	0
		Isobutyl alcohol	<20	<20	<20	<20	1		µg/L	WA	0
		Lead, total recoverable	<3.0	<3.0	<3.0	5.2	1		µg/L	WA	0
		Lindane	<0.056	<0.055	<0.054	<0.052	1.04		µg/L	WA	0
		Magnesium, total recoverable	342	318	347	327	1		µg/L	WA	0
		Manganese, total recoverable	3.9	2.4	2.8	2.9	1		µg/L	WA	0
		Mercury, total recoverable	<0.20	<0.20	<0.20	<0.20	1		µg/L	WA	0
		Methacrylonitrile	<20	<20	<20	<20	1		µg/L	WA	0
		Methoxychlor	<0.56	<0.55	<0.54	<0.52	1.04		µg/L	WA	0
		Methyl ethyl ketone	<10	<10	<10	<10	1		µg/L	WA	0
		Methyl isobutyl ketone	<10	2.1	<10	<10	1		µg/L	WA	0
		Nickel, total recoverable	4.0	<4.0	<4.0	<4.0	1		µg/L	WA	0
		Nitrate as nitrogen	334	230	285	334	1		µg/L	WA	0
		Nonvolatile beta	2.4E+00	2.8E+00	3.2E+00	2.8E+00	1	J	pCi/L	GP	0
•		pH	5.2	5.7	5.2	5.1	1	J	pH	WA	0
		Phenols	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Potassium, total recoverable	500	<500	<500	<500	1		µg/L	WA	0
		Propionitrile	<50	<50	<50	<50	1		µg/L	WA	0
		Radium, total alpha-emitting				1.4E+00	1	J	pCi/L	GP	0
		Radium-226	8.1E-01	4.6E-01	1.2E+00				pCi/L		
		Radium-228	<1.4E-01	<1.2E-01	1.2E+00				pCi/L		
		Selenium, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Silica, total recoverable	7,060	7,010	6,510	5,890	2.1		µg/L	WA	0
		Silver, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Sodium, total recoverable	1,810	2,000	2,060	1,740	1		µg/L	WA	0
		Specific conductance	14	16	19	16	1		µS/cm	WA	0
		Styrene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Sulfate	<1,000	<1,000	<1,000	<1,000	1		µg/L	WA	0
		1,1,1,2-Tetrachloroethane	<10	<10	<10	<10	1		µg/L	WA	0
		1,1,2,2-Tetrachloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Tetrachloroethylene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Toluene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Total dissolved solids	8,000	17,000	15,000	<1,000	1		µg/L	WA	0
		Total organic carbon	<1,000	<1,000	<1,000	<1,000	1		µg/L	WA	0
		Total organic halogens	<5.0	11	<5.0	14	1		µg/L	WA	0
		Total phosphates (as P)	<50	<50	<50	161	1		µg/L	WA	0
		Total suspended solids	<1,000	<1,000	<1,000	<1,000	1		µg/L	GE	0
		Toxaphene	<1.1	<1.1	<1.1	<1.0	1.04		µg/L	WA	0
		2,4,5-TP (Silvex)	<0.52	<0.56	<0.55	<0.53	1.05		µg/L	WA	0
		1,1,1-Trichloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,1,2-Trichloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Trichloroethylene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Trichlorofluoromethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,2,3-Trichloropropane	<10	<10	<10	<10	1		µg/L	WA	0
		Tritium	2.4E+00	2.8E+00	2.1E+00	2.2E+00	1		pCi/mL	GP	0
		Vanadium, total recoverable	<3.0	<3.0	<3.0	<3.0	1		µg/L	WA	0
		Vinyl acetate	<10	<10	<10	<10	1		µg/L	WA	0
		Xylenes	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0

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WELL LFW 28

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

SAMPLE DATE	12/17/93	03/29/94	06/08/94	09/07/94
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FIELD DATA

Analyte	1Q94	2Q94	3Q94	4Q94	Unit
Water elevation	164.0	164.6	163.9	167.1	ft msl
Depth to water	28.4	27.8	28.5	25.3	ft
pH	5.4	5.2	5.1	5.2	pH
Sp. conductance	47	65	45	53	µS/cm
Water temperature	18.8	18.6	22.5	25.3	°C
Alkalinity as CaCO ₃	5	1	10	2	mg/L
Turbidity	5	18	8	8	NTU
Volume purged	1.0	1.2	1.1	0.8	well vol.
Sampling code	X	X	X	X	

ANALYTICAL DATA

H	ST	Analyte	1Q94	2Q94	3Q94	4Q94	DF	Mod	Unit	Lab	Flag
		Acetone	14	<10	<10	<10	1		µg/L	WA	0
		Acetonitrile (Methyl cyanide)	<20	<20	<20	<20	1		µg/L	WA	0
		Acrolein	<10	<10	<10	<10	1		µg/L	WA	0
		Acrylonitrile	<10	<10	<10	<10	1		µg/L	WA	0
		Allyl chloride	<100	<20	<20	<20	1		µg/L	WA	0
		Aluminum, total recoverable	26	36	65	400	1		µg/L	WA	2
		Arsenic, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Barium, total recoverable	16	15	17	28	1		µg/L	WA	0
		Benzene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Bromodichloromethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Bromoform	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Bromomethane (Methyl bromide)	<10	<10	<10	<10	1		µg/L	WA	0
		Cadmium, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Calcium, total recoverable	3,220	2,930	2,610	3,160	1		µg/L	WA	0
		Carbon disulfide	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Carbon tetrachloride	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Chloride	2,540	2,450	2,130	2,470	1		µg/L	WA	0
		Chlorobenzene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Chloroethane	<10	<10	<10	<10	1		µg/L	WA	0
		Chloroethene (Vinyl chloride)	<10	<10	<10	<10	1		µg/L	WA	0
		Chloroform	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Chloromethane (Methyl chloride)	<10	<10	<10	3.8	1	J	µg/L	WA	0
		Chloroprene	<20	<100	<100	<100	1		µg/L	WA	0
		Chromium, total recoverable	<4.0	<4.0	<4.0	<4.0	1		µg/L	WA	0
		Copper, total recoverable	21	21	11	20	1		µg/L	WA	0
		Dibromochloromethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,2-Dibromo-3-chloropropane	<20	<20	<20	<20	1		µg/L	WA	0
		1,2-Dibromoethane	<20	<20	<20	<20	1		µg/L	WA	0
		Dibromomethane	<10	<10	<10	<10	1		µg/L	WA	0
		trans-1,4-Dichloro-2-butene	<100	<100	<100	<100	1		µg/L	WA	0
		Dichlorodifluoromethane	<10	<10	<10	<10	1		µg/L	WA	0
		1,1-Dichloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,2-Dichloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,1-Dichloroethylene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		trans-1,2-Dichloroethylene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Dichloromethane	9.6	<60	<5.0	<5.0	1		µg/L	WA	0
		2,4-Dichlorophenoxyacetic acid	<1.0	<1.1	<1.1	<1.1	1.05		µg/L	WA	0
		1,2-Dichloropropane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		cis-1,3-Dichloropropene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0

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Well LFW 28 continued

ANALYTICAL DATA

H	ST	Analyte	1Q94	2Q94	3Q94	4Q94	DF	Mod	Unit	Lab	Flag
		trans-1,3-Dichloropropene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Endrin	<0.11	<0.10	<0.11	<0.11	1.05		µg/L	WA	0
		Ethylbenzene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Fluoride	<100	<100	<100	<100	1		µg/L	WA	0
		Gross alpha	4.3E+00		2.8E+00	2.3E+00	1	J	pCi/L	GP	0
		2-Hexanone	<10	<10	<10	<10	1		µg/L	WA	0
		Iodomethane (Methyl iodide)	<10	<10	<10	<10	1		µg/L	WA	0
		Iron, total recoverable	253	386	212	653	1		µg/L	WA	2
		Isobutyl alcohol	<20	<20	<20	<20	1		µg/L	WA	0
		Lead, total recoverable	<3.0	6.5	5.5	7.1	1		µg/L	WA	0
		Lindane	<0.052	<0.052	<0.055	<0.052	1.05		µg/L	WA	0
		Magnesium, total recoverable	906	943	1,080	1,340	1		µg/L	WA	0
		Manganese, total recoverable	7.0	10	7.7	9.4	1		µg/L	WA	0
		Mercury, total recoverable	0.26	<0.20	<0.20	<0.20	1		µg/L	WA	0
		Methacrylonitrile	<20	<20	<20	<20	1		µg/L	WA	0
		Methoxychlor	<0.53	<0.52	<0.55	<0.53	1.05		µg/L	WA	0
		Methyl ethyl ketone	<10	<10	<10	<10	1		µg/L	WA	0
		Methyl isobutyl ketone	<10	<10	<10	<10	1		µg/L	WA	0
		Nickel, total recoverable	<4.0	<4.0	<4.0	<4.0	1		µg/L	WA	0
		Nitrate as nitrogen	1,460	2,410	742	2,120	10		µg/L	WA	0
		Nonvolatile beta	2.6E+01		3.1E+00	2.3E+00	1	J	pCi/L	GP	0
		pH	5.6	5.3	5.2	5.6	1	J	pH	WA	0
		Phenols	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Potassium, total recoverable	<500	<500	537	<500	1		µg/L	WA	0
		Propionitrile	<50	<50	<50	<50	1		µg/L	WA	0
		Radium, total alpha-emitting				1.1E+00	1	J	pCi/L	GP	0
		Radium-226	1.5E+00		1.4E+00				pCi/L		
		Radium-228	1.7E+00		1.0E+00				pCi/L		
		Selenium, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Silica, total recoverable	6,060	5,770	6,380	6,550	2.1		µg/L	WA	0
		Silver, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Sodium, total recoverable	1,640	3,140	2,030	2,050	1		µg/L	WA	0
		Specific conductance	31	45	36	36	1		µS/cm	WA	0
		Styrene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Sulfate	<1,000	2,100	<1,000	<1,000	1		µg/L	WA	0
		1,1,1,2-Tetrachloroethane	<10	<10	<10	<10	1		µg/L	WA	0
		1,1,2,2-Tetrachloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Tetrachloroethylene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Toluene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Total dissolved solids	27,000	39,000	31,000	34,000	1		µg/L	WA	0
		Total organic carbon	<1,000	<1,000	<1,000	<1,000	1		µg/L	WA	0
		Total organic halogens	<5.0	<5.0	<5.0	8.9	1		µg/L	WA	0
		Total phosphates (as P)	<50	<50	<50	348	1		µg/L	WA	0
		Total suspended solids	1,000	<1,000	<1,000	<1,000	1		µg/L	GE	0
		Toxaphene	<1.1	<1.0	<1.1	<1.1	1.05		µg/L	WA	0
		2,4,5-TP (Silvex)	<0.52	<0.55	<0.55	<0.53	1.05		µg/L	WA	0
		1,1,1-Trichloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,1,2-Trichloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Trichloroethylene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Trichlorofluoromethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,2,3-Trichloropropane	<10	<10	<10	<10	1		µg/L	WA	0
		Tritium	2.1E+00		1.9E+00	1.9E+00	1		pCi/mL	GP	0
		Vanadium, total recoverable	<3.0	<3.0	<3.0	<3.0	1		µg/L	WA	0
		Vinyl acetate	<10	<10	<10	<10	1		µg/L	WA	0
		Xylenes	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0

Note: Flagging, dilution factors, modifiers, and laboratories are for fourth quarter 1994 data only. See Appendix B for flagging criteria.

● = exceeded holding time for fourth quarter 1994.

■ = exceeded screening level or final PDWS for fourth quarter 1994.

WELL LFW 29

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

SAMPLE DATE	12/14/93	03/25/94	06/06/94	09/15/94
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FIELD DATA

Analyte	1Q94	2Q94	3Q94	4Q94	Unit
Water elevation	165.7	166.1	165.4	164.6	ft msl
Depth to water	29.6	29.2	29.9	30.7	ft
pH	4.6	4.7	4.3	4.8	pH
Sp. conductance	23	22	23	26	µS/cm
Water temperature	19.5	20.1	19.5	19.3	°C
Alkalinity as CaCO ₃	0	0	0	0	mg/L
Turbidity	1	1	2	1	NTU
Volume purged	3.4	6.0	5.9	5.7	well vol.
Sampling code					

ANALYTICAL DATA

H	ST	Analyte	1Q94	2Q94	3Q94	4Q94	DF	Mod	Unit	Lab	Flag
		Acetone	<10	<10	<10	<10	1		µg/L	WA	0
		Acetonitrile (Methyl cyanide)	<20	<20	<20	<20	1		µg/L	WA	0
		Acrolein	<10	<10	<10	<10	1		µg/L	WA	0
		Acrylonitrile	<10	<10	<10	<10	1		µg/L	WA	0
		Allyl chloride	<100	<20	<20	<20	1		µg/L	WA	0
		Aluminum, total recoverable	27	24	25	25	1		µg/L	WA	0
		Arsenic, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Barium, total recoverable	6.8	6.7	6.6	7.1	1		µg/L	WA	0
		Benzene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Bromodichloromethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Bromoform	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Bromomethane (Methyl bromide)	<10	<10	<10	<10	1		µg/L	WA	0
		Cadmium, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Calcium, total recoverable	473	486	470	486	1		µg/L	WA	0
		Carbon disulfide	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Carbon tetrachloride	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Chloride	2,060	2,060	1,910	2,400	1		µg/L	WA	0
		Chlorobenzene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Chloroethane	<10	<10	<10	<10	1		µg/L	WA	0
		Chloroethene (Vinyl chloride)	<10	<10	<10	<10	1		µg/L	WA	0
		Chloroform	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Chloromethane (Methyl chloride)	<10	<10	<10	9.4	1	J	µg/L	WA	1
		Chloroprene	<20	<100	<100	<100	1		µg/L	WA	0
		Chromium, total recoverable	<4.0	<4.0	<4.0	<4.0	1		µg/L	WA	0
		Copper, total recoverable	5.8	4.8	<4.0	<4.0	1		µg/L	WA	0
		Dibromochloromethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,2-Dibromo-3-chloropropane	<20	<20	<20	<20	1		µg/L	WA	0
		1,2-Dibromoethane	<20	<20	<20	<20	1		µg/L	WA	0
		Dibromomethane	<10	<10	<10	<10	1		µg/L	WA	0
		trans-1,4-Dichloro-2-butene	<100	<100	<100	<100	1		µg/L	WA	0
		Dichlorodifluoromethane	<10	<10	<10	<10	1		µg/L	WA	0
		1,1-Dichloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,2-Dichloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,1-Dichloroethylene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		trans-1,2-Dichloroethylene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Dichloromethane	6.2	<15	3.5	1.8	1	J	µg/L	WA	0
		2,4-Dichlorophenoxyacetic acid	<1.1	<1.1	<1.1	<1.1	1.09		µg/L	WA	0
		1,2-Dichloropropane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		cis-1,3-Dichloropropene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0

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● = exceeded holding time for fourth quarter 1994.

■ = exceeded screening level or final PDWS for fourth quarter 1994.

Well LFW 29 continued

ANALYTICAL DATA

H	ST	Analyte	1Q94	2Q94	3Q94	4Q94	DF	Mod	Unit	Lab	Flag
		trans-1,3-Dichloropropene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Endrin	<0.11	<0.11	<0.11	<0.11	1.08		µg/L	WA	0
		Ethylbenzene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Fluoride	<100	<100	<100	<100	1		µg/L	WA	0
		Gross alpha	6.4E+00	4.0E+00	6.0E+00	3.6E+00	1		pCi/L	GP	0
		2-Hexanone	<10	<10	<10	<10	1		µg/L	WA	0
		Iodomethane (Methyl iodide)	<10	<10	<10	<10	1		µg/L	WA	0
		Iron, total recoverable	102	37	17	<61	1	J	µg/L	WA	0
		Isobutyl alcohol	<20	<20	<20	<20	1		µg/L	WA	0
		Lead, total recoverable	<3.0	<3.0	<3.0	<3.0	1		µg/L	WA	0
		Lindane	<0.055	<0.056	<0.054	<0.054	1.08		µg/L	WA	0
		Magnesium, total recoverable	448	419	433	469	1		µg/L	WA	0
		Manganese, total recoverable	4.2	3.5	3.5	4.9	1		µg/L	WA	0
		Mercury, total recoverable	0.25	<0.20	<0.20	<0.20	1		µg/L	WA	0
		Methacrylonitrile	<20	<20	<20	<20	1		µg/L	WA	0
		Methoxychlor	<0.55	<0.56	<0.54	<0.54	1.08		µg/L	WA	0
		Methyl ethyl ketone	<10	<10	<10	<10	1		µg/L	WA	0
		Methyl isobutyl ketone	<10	<10	<10	<10	1		µg/L	WA	0
		Nickel, total recoverable	<4.0	5.5	<4.0	<4.0	1		µg/L	WA	0
		Nitrate as nitrogen	818	603	519	666	1		µg/L	WA	0
		Nonvolatile beta	8.9E+00	7.3E+00	3.7E+00	4.0E+00	1		pCi/L	GP	0
		pH	5.0	5.3	5.0	4.9	1	J	pH	WA	0
		Phenols	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Potassium, total recoverable	580	<500	<500	500	1		µg/L	WA	0
		Propionitrile	<50	<50	<50	<50	1		µg/L	WA	0
		Radium, total alpha-emitting				1.4E+00	1	J	pCi/L	GP	0
		Radium-226	3.3E+00	1.6E+00	2.0E+00				pCi/L		
		Radium-228	4.4E+00	2.8E+00	3.9E+00				pCi/L		
		Selenium, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Silica, total recoverable	5,650	5,470	5,390	6,100	2.1		µg/L	WA	0
		Silver, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Sodium, total recoverable	949	1,020	992	993	1		µg/L	WA	0
		Specific conductance	19	19	19	20	1		µS/cm	WA	0
		Styrene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Sulfate	<1,000	<1,000	<1,000	<1,000	1		µg/L	WA	0
		1,1,1,2-Tetrachloroethane	<10	<10	<10	<10	1		µg/L	WA	0
		1,1,2,2-Tetrachloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Tetrachloroethylene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Toluene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Total dissolved solids	24,000	27,000	26,000	25,000	1		µg/L	WA	0
		Total organic carbon	<1,000	<1,000	<1,000	<1,000	1		µg/L	WA	0
		Total organic halogens	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Total phosphates (as P)	91	<50	<50	1,180	5		µg/L	WA	0
		Total suspended solids	1,000	<1,000	<1,000	<1,000	1		µg/L	GE	0
		Toxaphene	<1.1	<1.1	<1.1	<1.1	1.08		µg/L	WA	0
		2,4,5-TP (Silvex)	<0.53	<0.55	<0.56	<0.55	1.09		µg/L	WA	0
		1,1,1-Trichloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,1,2-Trichloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Trichloroethylene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Trichlorofluoromethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,2,3-Trichloropropane	<10	<10	<10	<10	1		µg/L	WA	0
		Tritium	2.3E+00	2.1E+00	2.0E+00	2.2E+00	1		pCi/mL	GP	0
		Vanadium, total recoverable	<3.0	<3.0	<3.0	<3.0	1		µg/L	WA	0
		Vinyl acetate	<10	<10	<10	<10	1		µg/L	WA	0
		Xylenes	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0

Note: Flagging, dilution factors, modifiers, and laboratories are for fourth quarter 1994 data only. See Appendix B for flagging criteria.

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WELL LFW 30

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

SAMPLE DATE	12/14/93	03/25/94	06/03/94	09/15/94
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FIELD DATA

Analyte	1Q94	2Q94	3Q94	4Q94	Unit
Water elevation	166.9	166.0	165.3	164.6	ft msl
Depth to water	43.1	44.0	44.7	45.4	ft
pH	5.1	5.1	4.6	5.1	pH
Sp. conductance	21	21	20	23	µS/cm
Water temperature	18.1	19.3	18.9	19.0	°C
Alkalinity as CaCO ₃	0	1	1	0	mg/L
Turbidity	0	0	0	0	NTU
Volume purged	11.7	18.7	11.3	10.7	well vol.
Sampling code					

ANALYTICAL DATA

H	ST	Analyte	1Q94	2Q94	3Q94	4Q94	DF	Mod	Unit	Lab	Flag
		Acetone	<10	<10	<10	<10	1		µg/L	WA	0
		Acetonitrile (Methyl cyanide)	<20	<20	<20	<20	1		µg/L	WA	0
		Acrolein	<10	<10	<10	<10	1		µg/L	WA	0
		Acrylonitrile	<10	<10	<10	<10	1		µg/L	WA	0
		Allyl chloride	<100	<20	<20	<20	1		µg/L	WA	0
		Aluminum, total recoverable	<20	<20	<20	47	1		µg/L	WA	1
		Arsenic, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Barium, total recoverable	5.8	5.6	5.6	5.0	1		µg/L	WA	0
		Benzene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Bromodichloromethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Bromoform	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Bromomethane (Methyl bromide)	<10	<10	<10	<10	1		µg/L	WA	0
		Cadmium, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Calcium, total recoverable	1,040	1,090	885	839	1		µg/L	WA	0
		Carbon disulfide	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Carbon tetrachloride	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Chloride	1,740	1,520	1,520	1,680	1		µg/L	WA	0
		Chlorobenzene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Chloroethane	<10	<10	<10	<10	1		µg/L	WA	0
		Chloroethene (Vinyl chloride)	<10	<10	<10	<10	1		µg/L	WA	0
		Chloroform	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Chloromethane (Methyl chloride)	<10	<10	<10	4.7	1	J	µg/L	WA	0
		Chloroprene	<20	<100	<100	<100	1		µg/L	WA	0
		Chromium, total recoverable	<4.0	6.0	<4.0	<4.0	1		µg/L	WA	0
		Copper, total recoverable	<4.0	<4.0	<4.0	<4.0	1		µg/L	WA	0
		Dibromochloromethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,2-Dibromo-3-chloropropane	<20	<20	<20	<20	1		µg/L	WA	0
		1,2-Dibromoethane	<20	<20	<20	<20	1		µg/L	WA	0
		Dibromomethane	<10	<10	<10	<10	1		µg/L	WA	0
		trans-1,4-Dichloro-2-butene	<100	<100	<100	<100	1		µg/L	WA	0
		Dichlorodifluoromethane	<10	<10	<10	<10	1		µg/L	WA	0
		1,1-Dichloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,2-Dichloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,1-Dichloroethylene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		trans-1,2-Dichloroethylene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Dichloromethane	6.4	<15	<5.0	<5.0	1		µg/L	WA	0
		2,4-Dichlorophenoxyacetic acid	<1.1	<1.1	<1.1	<1.1	1,11		µg/L	WA	0
		1,2-Dichloropropane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		cis-1,3-Dichloropropene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0

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● = exceeded holding time for fourth quarter 1994.

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Well LFW 30 continued

ANALYTICAL DATA

H	ST	Analyte	1Q94	2Q94	3Q94	4Q94	DF	Mod	Unit	Lab	Flag
		trans-1,3-Dichloropropene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Endrin	<0.11	<0.11	<0.11	<0.11	1.06		µg/L	WA	0
		Ethylbenzene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Fluoride	<100	<100	<100	<100	1		µg/L	WA	0
		Gross alpha	2.8E+00	2.2E+00	4.2E+00	1.5E+00	1	J	pCi/L	GP	0
		2-Hexanone	<10	<10	<10	<10	1		µg/L	WA	0
		Iodomethane (Methyl iodide)	<10	<10	<10	<10	1		µg/L	WA	0
		Iron, total recoverable	7.6	26	9.6	<61	1	J	µg/L	WA	0
		Isobutyl alcohol	<20	<20	<20	<20	1		µg/L	WA	0
		Lead, total recoverable	<3.0	<3.0	<3.0	<3.0	1		µg/L	WA	0
		Lindane	<0.054	<0.052	<0.054	<0.053	1.06		µg/L	WA	0
		Magnesium, total recoverable	625	562	595	557	1		µg/L	WA	0
		Manganese, total recoverable	3.3	3.8	3.1	2.3	1		µg/L	WA	0
		Mercury, total recoverable	<0.20	<0.20	<0.20	<0.20	1		µg/L	WA	0
		Methacrylonitrile	<20	<20	<20	<20	1		µg/L	WA	0
		Methoxychlor	<0.54	<0.53	<0.54	<0.53	1.06		µg/L	WA	0
		Methyl ethyl ketone	<10	<10	<10	<10	1		µg/L	WA	0
		Methyl isobutyl ketone	<10	<10	<10	<10	1		µg/L	WA	0
		Nickel, total recoverable	<4.0	<4.0	<4.0	<4.0	1		µg/L	WA	0
		Nitrate as nitrogen	771	603	603	533	1		µg/L	WA	0
•		Nonvolatile beta	7.2E+00	8.0E+00	6.7E+00	3.7E+00	1		pCi/L	GP	0
		pH	5.2	5.2	5.1	4.8	1	J	pH	WA	0
		Phenols	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Potassium, total recoverable	<500	<500	<500	<500	1		µg/L	WA	0
		Propionitrile	<50	<50	<50	<50	1		µg/L	WA	0
		Radium, total alpha-emitting				9.0E-01	1	J	pCi/L	GP	0
		Radium-226	9.3E-01	5.7E-01	9.8E-01				pCi/L		
		Radium-228	5.5E+00	2.9E+00	3.8E+00				pCi/L		
		Selenium, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Silica, total recoverable	5,690	5,960	5,790	6,100	2.1		µg/L	WA	0
		Silver, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Sodium, total recoverable	989	963	896	908	1		µg/L	WA	0
		Specific conductance	19	18	18	19	1		µS/cm	WA	0
		Styrene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Sulfate	<1,000	<1,000	<1,000	<1,000	1		µg/L	WA	0
		1,1,1,2-Tetrachloroethane	<10	<10	<10	<10	1		µg/L	WA	0
		1,1,2,2-Tetrachloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Tetrachloroethylene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Toluene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Total dissolved solids	35,000	30,000	28,000	22,000	1		µg/L	WA	0
		Total organic carbon	<1,000	<1,000	<1,000	1,200	1		µg/L	WA	0
		Total organic halogens	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Total phosphates (as P)	94	70	<50	297	1		µg/L	WA	0
		Total suspended solids	<1,000	<1,000	<1,000	<1,000	1		µg/L	GE	0
		Toxaphene	<1.1	<1.1	<1.1	<1.1	1.06		µg/L	WA	0
		2,4,5-TP (Silvex)	<0.53	<0.55	<0.55	<0.56	1.11		µg/L	WA	0
		1,1,1-Trichloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,1,2-Trichloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Trichloroethylene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Trichlorofluoromethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,2,3-Trichloropropane	<10	<10	<10	<10	1		µg/L	WA	0
		Tritium	1.8E+00	2.0E+00	1.8E+00	2.0E+00	1		pCi/mL	GP	0
		Vanadium, total recoverable	<3.0	<3.0	<3.0	<3.0	1		µg/L	WA	0
		Vinyl acetate	<10	<10	<10	<10	1		µg/L	WA	0
		Xylenes	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0

Note: Flagging, dilution factors, modifiers, and laboratories are for fourth quarter 1994 data only. See Appendix B for flagging criteria.

• = exceeded holding time for fourth quarter 1994.

■ = exceeded screening level or final PDWS for fourth quarter 1994.

WELL LFW 31

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

SAMPLE DATE	12/14/93	03/25/94	06/03/94	09/15/94
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FIELD DATA

Analyte	1Q94	2Q94	3Q94	4Q94	Unit
Water elevation	165.6	165.5	165.1	164.5	ft msl
Depth to water	63.7	63.8	64.2	64.9	ft
pH	5.1	5.1	4.8	5.0	pH
Sp. conductance	23	23	25	27	µS/cm
Water temperature	18.2	19.0	19.0	19.0	°C
Alkalinity as CaCO ₃	0	1	1	0	mg/L
Turbidity	1	1	1	1	NTU
Volume purged	5.0	12.9	7.3	10.3	well vol.
Sampling code					

ANALYTICAL DATA

H	ST	Analyte	1Q94	2Q94	3Q94	4Q94	DF	Mod	Unit	Lab	Flag
		Acetone	<10	17	<10	<10	1		µg/L	WA	0
		Acetonitrile (Methyl cyanide)	<20	<20	<20	<20	1		µg/L	WA	0
		Acrolein	<10	<10	<10	<10	1		µg/L	WA	0
		Acrylonitrile	<10	<10	<10	<10	1		µg/L	WA	0
		Allyl chloride	<100	<20	<20	<20	1		µg/L	WA	0
		Aluminum, total recoverable	<20	21	<20	<20	1		µg/L	WA	0
		Arsenic, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Barium, total recoverable	4.1	4.5	<4.0	5.3	1		µg/L	WA	0
		Benzene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Bromodichloromethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Bromoform	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Bromomethane (Methyl bromide)	<10	<10	<10	<10	1		µg/L	WA	0
		Cadmium, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Calcium, total recoverable	586	597	653	649	1		µg/L	WA	0
		Carbon disulfide	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Carbon tetrachloride	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Chloride	2,460	2,100	2,260	2,420	1		µg/L	WA	0
		Chlorobenzene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Chloroethane	<10	<10	<10	<10	1		µg/L	WA	0
		Chloroethene (Vinyl chloride)	<10	<10	<10	<10	1		µg/L	WA	0
		Chloroform	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Chloromethane (Methyl chloride)	<10	<10	<10	3.9	1	J	µg/L	WA	0
		Chloroprene	<20	<100	<100	<100	1		µg/L	WA	0
		Chromium, total recoverable	<4.0	<4.0	<4.0	<4.0	1		µg/L	WA	0
		Copper, total recoverable	15	8.9	7.7	10	1		µg/L	WA	0
		Dibromochloromethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,2-Dibromo-3-chloropropane	<20	<20	<20	<20	1		µg/L	WA	0
		1,2-Dibromoethane	<20	<20	<20	<20	1		µg/L	WA	0
		Dibromomethane	<10	<10	<10	<10	1		µg/L	WA	0
		trans-1,4-Dichloro-2-butene	<100	<100	<100	<100	1		µg/L	WA	0
		Dichlorodifluoromethane	<10	<10	<10	<10	1		µg/L	WA	0
		1,1-Dichloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,2-Dichloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,1-Dichloroethylene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		trans-1,2-Dichloroethylene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Dichloromethane	6.8	<15	<5.0	<5.0	1		µg/L	WA	0
		2,4-Dichlorophenoxyacetic acid	<1.1	<1.1	<1.1	<1.1	1,11		µg/L	WA	0
		1,2-Dichloropropane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		cis-1,3-Dichloropropene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0

Note: Flagging, dilution factors, modifiers, and laboratories are for fourth quarter 1994 data only. See Appendix B for flagging criteria.

● = exceeded holding time for fourth quarter 1994.

■ = exceeded screening level or final PDWS for fourth quarter 1994.

Well LFW 31 continued

ANALYTICAL DATA

H	ST	Analyte	1Q94	2Q94	3Q94	4Q94	DF	Mod	Unit	Lab	Flag
		trans-1,3-Dichloropropene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Endrin	<0.11	<0.10	<0.11	<0.11	1.09		µg/L	WA	0
		Ethylbenzene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Fluoride	<100	<100	<100	<100	1		µg/L	WA	0
		Gross alpha	6.2E+00	2.0E+00	5.6E+00	3.2E+00	1	J	pCi/L	GP	0
		2-Hexanone	<10	<10	<10	<10	1		µg/L	WA	0
		Iodomethane (Methyl iodide)	<10	<10	<10	<10	1		µg/L	WA	0
		Iron, total recoverable	34	27	13	<61	1	J	µg/L	WA	0
		Isobutyl alcohol	<20	<20	<20	<20	1		µg/L	WA	0
		Lead, total recoverable	<3.0	<3.0	<3.0	<3.0	1		µg/L	WA	0
		Lindane	<0.055	<0.052	<0.053	<0.055	1.09		µg/L	WA	0
		Magnesium, total recoverable	522	533	551	508	1		µg/L	WA	0
		Manganese, total recoverable	2.6	2.5	2.2	2.2	1		µg/L	WA	0
		Mercury, total recoverable	<0.20	<0.20	<0.20	<0.20	1		µg/L	WA	0
		Methacrylonitrile	<20	<20	<20	<20	1		µg/L	WA	0
		Methoxychlor	<0.55	<0.52	<0.53	<0.55	1.09		µg/L	WA	0
		Methyl ethyl ketone	<10	<10	<10	<10	1		µg/L	WA	0
		Methyl isobutyl ketone	<10	<10	<10	<10	1		µg/L	WA	0
		Nickel, total recoverable	<4.0	<4.0	<4.0	<4.0	1		µg/L	WA	0
		Nitrate as nitrogen	441	323	320	300	1		µg/L	WA	0
		Nonvolatile beta	7.5E+00	4.6E+00	4.7E+00	3.5E+00	1		pCi/L	GP	0
		pH	5.1	5.2	5.1	5.0	1	J	pH	WA	0
		Phenols	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Potassium, total recoverable	702	746	856	673	1		µg/L	WA	0
		Propionitrile	<50	<50	<50	<50	1		µg/L	WA	0
		Radium, total alpha-emitting				2.0E+00	1		pCi/L	GP	0
		Radium-226	2.1E+00	1.1E+00	1.6E+00				pCi/L		
		Radium-228	2.9E+00	1.3E+00	1.1E+00				pCi/L		
		Selenium, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Silica, total recoverable	5,880	6,680	6,190	6,910	2.1		µg/L	WA	0
		Silver, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Sodium, total recoverable	1,390	1,700	1,650	1,360	1		µg/L	WA	0
		Specific conductance	20	21	23	21	1		µS/cm	WA	0
		Styrene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Sulfate	1,070	2,300	2,130	1,090	1		µg/L	WA	0
		1,1,1,2-Tetrachloroethane	<10	<10	<10	<10	1		µg/L	WA	0
		1,1,2,2-Tetrachloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Tetrachloroethylene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Toluene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Total dissolved solids	30,000	34,000	22,000	23,000	1		µg/L	WA	0
		Total organic carbon	<1,000	<1,000	<1,000	<1,000	1		µg/L	WA	0
		Total organic halogens	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Total phosphates (as P)	80	<50	<50	129	1		µg/L	WA	0
		Total suspended solids	<1,000	<1,000	<1,000	<1,000	1		µg/L	GE	0
		Toxaphene	<1.1	<1.0	<1.1	<1.1	1.09		µg/L	WA	0
		2,4,5-TP (Silvex)	<0.54	<0.55	<0.57	<0.56	1.11		µg/L	WA	0
		1,1,1-Trichloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,1,2-Trichloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Trichloroethylene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Trichlorofluoromethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,2,3-Trichloropropane	<10	<10	<10	<10	1		µg/L	WA	0
		Tritium	2.4E+00	2.3E+00	2.4E+00	2.7E+00	1		pCi/mL	GP	0
		Vanadium, total recoverable	<3.0	<3.0	<3.0	<3.0	1		µg/L	WA	0
		Vinyl acetate	<10	<10	<10	<10	1		µg/L	WA	0
		Xylenes	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0

Note: Flagging, dilution factors, modifiers, and laboratories are for fourth quarter 1994 data only. See Appendix B for flagging criteria.

● = exceeded holding time for fourth quarter 1994.

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WELL LFW 32

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

SAMPLE DATE	12/14/93	03/25/94	06/03/94	09/15/94
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FIELD DATA

Analyte	1Q94	2Q94	3Q94	4Q94	Unit
Water elevation	163.4	163.4	162.9	162.3	ft msl
Depth to water	60.3	60.3	60.8	61.4	ft
pH	4.9	4.9	4.7	5.0	pH
Sp. conductance	24	25	27	33	µS/cm
Water temperature	17.8	18.7	19.0	19.0	°C
Alkalinity as CaCO ₃	0	0	0	0	mg/L
Turbidity	0	0	0	0	NTU
Volume purged	16.6	43.1	7.7	7.6	well vol.
Sampling code					

ANALYTICAL DATA

H	ST	Analyte	1Q94	2Q94	3Q94	4Q94	DF	Mod	Unit	Lab	Flag
		Acetone	<10	<10	<10	<10	1		µg/L	WA	0
		Acetonitrile (Methyl cyanide)	<20	<20	<20	<20	1		µg/L	WA	0
		Acrolein	<10	<10	<10	<10	1		µg/L	WA	0
		Acrylonitrile	<10	<10	<10	<10	1		µg/L	WA	0
		Allyl chloride	<100	<20	<20	<20	1		µg/L	WA	0
		Aluminum, total recoverable	<20	<20	<20	<20	1		µg/L	WA	0
		Arsenic, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Barium, total recoverable	5.3	6.2	5.5	18	1		µg/L	WA	0
		Benzene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Bromodichloromethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Bromoform	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Bromomethane (Methyl bromide)	<10	<10	<10	<10	1		µg/L	WA	0
		Cadmium, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Calcium, total recoverable	414	440	458	546	1		µg/L	WA	0
		Carbon disulfide	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Carbon tetrachloride	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Chloride	2,890	3,040	3,260	3,990	1		µg/L	WA	0
		Chlorobenzene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Chloroethane	<10	<10	<10	<10	1		µg/L	WA	0
		Chloroethene (Vinyl chloride)	<10	<10	<10	<10	1		µg/L	WA	0
		Chloroform	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Chloromethane (Methyl chloride)	<10	<10	<10	6.3	1	J	µg/L	WA	1
		Chloroprene	<20	<100	<100	<100	1		µg/L	WA	0
		Chromium, total recoverable	<4.0	5.2	<4.0	<4.0	1		µg/L	WA	0
		Copper, total recoverable	<4.0	<4.0	<4.0	<4.0	1		µg/L	WA	0
		Dibromochloromethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,2-Dibromo-3-chloropropane	<20	<20	<20	<20	1		µg/L	WA	0
		1,2-Dibromoethane	<20	<20	<20	<20	1		µg/L	WA	0
		Dibromomethane	<10	<10	<10	<10	1		µg/L	WA	0
		trans-1,4-Dichloro-2-butene	<100	<100	<100	<100	1		µg/L	WA	0
		Dichlorodifluoromethane	<10	<10	<10	<10	1		µg/L	WA	0
		1,1-Dichloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,2-Dichloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,1-Dichloroethylene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		trans-1,2-Dichloroethylene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Dichloromethane	10	<15	<110	<5.0	1		µg/L	WA	0
		2,4-Dichlorophenoxyacetic acid	<1.1	<1.1	<1.1	<1.1	1.08		µg/L	WA	0
		1,2-Dichloropropane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		cis-1,3-Dichloropropene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0

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● = exceeded holding time for fourth quarter 1994.

■ = exceeded screening level or final PDWS for fourth quarter 1994.

Well LFW 32 continued

ANALYTICAL DATA

H	ST	Analyte	1Q94	2Q94	3Q94	4Q94	DF	Mod	Unit	Lab	Flag
		trans-1,3-Dichloropropene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Endrin	<0.11	<0.11	<0.11	<0.11	1.08		µg/L	WA	0
		Ethylbenzene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Fluoride	<100	<100	<100	<100	1		µg/L	WA	0
		Gross alpha	8.9E+00	8.1E+00	1.2E+01	3.3E+00	1	J	pCi/L	GP	0
		2-Hexanone	<10	<10	<10	<10	1		µg/L	WA	0
		Iodomethane (Methyl iodide)	<10	<10	<10	<10	1		µg/L	WA	0
		Iron, total recoverable	18	30	8.5	<61	1	J	µg/L	WA	0
		Isobutyl alcohol	<20	<20	<20	<20	1		µg/L	WA	0
		Lead, total recoverable	<3.0	3.7	<3.0	<3.0	1		µg/L	WA	0
		Lindane	<0.055	<0.052	<0.053	<0.054	1.08		µg/L	WA	0
		Magnesium, total recoverable	553	569	611	657	1		µg/L	WA	0
		Manganese, total recoverable	<2.0	2.4	2.1	<2.0	1		µg/L	WA	0
		Mercury, total recoverable	<0.20	<0.20	<0.20	<0.20	1		µg/L	WA	0
		Methacrylonitrile	<20	<20	<20	<20	1		µg/L	WA	0
		Methoxychlor	<0.55	<0.53	<0.53	<0.54	1.08		µg/L	WA	0
		Methyl ethyl ketone	<10	<10	<10	<10	1		µg/L	WA	0
		Methyl isobutyl ketone	<10	<10	<10	<10	1		µg/L	WA	0
		Nickel, total recoverable	<4.0	<4.0	<4.0	<4.0	1		µg/L	WA	0
		Nitrate as nitrogen	590	579	715	787	1		µg/L	WA	0
		Nonvolatile beta	1.4E+01	1.3E+01	1.6E+01	1.1E+01	1		pCi/L	GP	0
•		pH	5.0	5.0	5.0	4.9	1	J	pH	WA	0
		Phenols	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Potassium, total recoverable	981	976	1,190	1,240	1		µg/L	WA	0
		Propionitrile	<50	<50	<50	<50	1		µg/L	WA	0
		Radium, total alpha-emitting				3.4E+00	1		pCi/L	GP	0
		Radium-226	1.8E+00	1.9E+00	2.8E+00				pCi/L		
		Radium-228	7.1E+00	6.0E+00	4.6E+00				pCi/L		
		Selenium, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Silica, total recoverable	6,530	6,090	5,680	6,340	2.1		µg/L	WA	0
		Silver, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Sodium, total recoverable	1,540	1,360	1,590	1,480	1		µg/L	WA	0
		Specific conductance	21	22	24	26	1		µS/cm	WA	0
		Styrene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Sulfate	<1,000	<1,000	<1,000	<1,000	1		µg/L	WA	0
		1,1,1,2-Tetrachloroethane	<10	<10	<10	<10	1		µg/L	WA	0
		1,1,2,2-Tetrachloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Tetrachloroethylene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Toluene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Total dissolved solids	22,000	25,000	22,000	27,000	1		µg/L	WA	0
		Total organic carbon	<1,000	<1,000	<1,000	<1,000	1		µg/L	WA	0
		Total organic halogens	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Total phosphates (as P)	86	<50	<50	512	2		µg/L	WA	0
		Total suspended solids	<1,000	<1,000	<1,000	<1,000	1		µg/L	GE	0
		Toxaphene	<1.1	<1.1	<1.1	<1.1	1.08		µg/L	WA	0
		2,4,5-TP (Silvex)	<0.56	<0.55	<0.56	<0.54	1.08		µg/L	WA	0
		1,1,1-Trichloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,1,2-Trichloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Trichloroethylene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Trichlorofluoromethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,2,3-Trichloropropane	<10	<10	<10	<10	1		µg/L	WA	0
		Tritium	3.0E+00	2.7E+00	2.8E+00	3.3E+00	1		pCi/mL	GP	0
		Vanadium, total recoverable	<3.0	<3.0	<3.0	<3.0	1		µg/L	WA	0
		Vinyl acetate	<10	<10	<10	<10	1		µg/L	WA	0
		Xylenes	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0

Note: Flagging, dilution factors, modifiers, and laboratories are for fourth quarter 1994 data only. See Appendix B for flagging criteria.

• = exceeded holding time for fourth quarter 1994.

■ = exceeded screening level or final PDWS for fourth quarter 1994.

WELL LFW 33

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

SAMPLE DATE	12/14/93	03/25/94	06/06/94	09/16/94
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FIELD DATA

Analyte	1Q94	2Q94	3Q94	4Q94	Unit
Water elevation	162.0	162.2	161.6	161.0	ft msl
Depth to water	51.7	51.5	52.1	52.7	ft
pH	5.1	4.9	4.5	4.7	pH
Sp. conductance	22	25	25	31	µS/cm
Water temperature	17.9	18.9	19.6	19.2	°C
Alkalinity as CaCO ₃	0	0	0	0	mg/L
Turbidity	0	0	0	0	NTU
Volume purged	13.6	17.0	4.4	15.3	well vol.
Sampling code					

ANALYTICAL DATA

H	ST	Analyte	1Q94	2Q94	3Q94	4Q94	DF	Mod	Unit	Lab	Flag
		Acetone	<10	<10	<10	<10	1		µg/L	WA	0
		Acetonitrile (Methyl cyanide)	<20	<20	<20	<5.0	1		µg/L	GE	0
		Acrolein	<10	<10	<10	<10	1		µg/L	WA	0
		Acrylonitrile	<10	<10	<10	<10	1		µg/L	WA	0
		Allyl chloride	<100	<20	<20	<20	1		µg/L	WA	0
		Aluminum, total recoverable	<20	<20	<20	<20	1		µg/L	GE	0
		Arsenic, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	GE	0
		Barium, total recoverable	4.0	4.7	4.0	5.3	1		µg/L	WA	0
		Benzene	<5.0	<5.0	<5.0	<1.0	1		µg/L	GE	0
		Bis(2-chloroisopropyl) ether				<5.0	1		µg/L	GE	0
		Bromodichloromethane	<5.0	<5.0	<5.0	<1.0	1		µg/L	GE	0
		Bromoform	<5.0	<5.0	<5.0	<1.0	1		µg/L	GE	0
		Bromomethane (Methyl bromide)	<10	<10	<10	<1.0	1		µg/L	GE	0
		Cadmium, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	GE	0
		Calcium, total recoverable	368	390	344	431	1		µg/L	WA	0
		Carbon disulfide	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Carbon tetrachloride	<5.0	<5.0	<5.0	<1.0	1		µg/L	GE	0
		Chloride	2,880	3,000	3,020	3,780	1		µg/L	WA	0
		Chlorobenzene	<5.0	<5.0	<5.0	<1.0	1		µg/L	GE	0
		Chloroethane	<10	<10	<10	<1.0	1		µg/L	GE	0
		Chloroethene (Vinyl chloride)	<10	<10	<10	<1.0	1		µg/L	GE	0
		Chloroform	<5.0	<5.0	<5.0	<1.0	1		µg/L	GE	0
		Chloromethane (Methyl chloride)	<10	<10	<10	9.3	1	J	µg/L	WA	1
		Chloroprene	<20	<100	<100	<100	1		µg/L	WA	0
		Chromium, total recoverable	<4.0	<4.0	<4.0	<4.0	1		µg/L	GE	0
		Copper, total recoverable	<4.0	<4.0	<4.0	<4.0	1		µg/L	GE	0
		Dibromochloromethane	<5.0	<5.0	<5.0	<1.0	1		µg/L	GE	0
		1,2-Dibromo-3-chloropropane	<20	<20	<20	<5.0	1		µg/L	GE	0
		1,2-Dibromoethane	<20	<20	<20	<20	1		µg/L	GE	0
		Dibromomethane	<10	<10	<10	<1.0	1		µg/L	GE	0
		trans-1,4-Dichloro-2-butene	<100	<100	<100	<30	1		µg/L	GE	0
		Dichlorodifluoromethane	<10	<10	<10	<1.0	1		µg/L	GE	0
		1,1-Dichloroethane	<5.0	<5.0	<5.0	<1.0	1		µg/L	GE	0
		1,2-Dichloroethane	<5.0	<5.0	<5.0	<1.0	1		µg/L	GE	0
		1,1-Dichloroethylene	<5.0	<5.0	<5.0	<1.0	1		µg/L	GE	0
		trans-1,2-Dichloroethylene	<5.0	<5.0	<5.0	<1.0	1		µg/L	GE	0
		Dichloromethane	<5.0	<15	3.7	<1.0	1		µg/L	GE	0
		2,4-Dichlorophenoxyacetic acid	<1.1	<1.1	<1.1	<0.0015	1		µg/L	GE	0
		1,2-Dichloropropane	<5.0	<5.0	<5.0	<1.0	1		µg/L	GE	0

Note: Flagging, dilution factors, modifiers, and laboratories are for fourth quarter 1994 data only. See Appendix B for flagging criteria.

● = exceeded holding time for fourth quarter 1994.

■ = exceeded screening level or final PDWS for fourth quarter 1994.

Well LFW 33 continued

ANALYTICAL DATA

H	ST	Analyte	1Q94	2Q94	3Q94	4Q94	DF	Mod	Unit	Lab	Flag
		cis-1,3-Dichloropropene	<5.0	<5.0	<5.0	<1.0	1		µg/L	GE	0
		trans-1,3-Dichloropropene	<5.0	<5.0	<5.0	<1.0	1		µg/L	GE	0
		Endrin	<0.11	<0.11	<0.11	<0.11	1.06		µg/L	WA	0
		Ethylbenzene	<5.0	<5.0	<5.0	<1.0	1		µg/L	GE	0
		Fluoride	<100	<100	<100	<20	1		µg/L	GE	0
■		Gross alpha	6.1E+00	9.8E+00	1.1E+01	1.6E+01	1		pCi/L	TM	2
		2-Hexanone	<10	<10	<10	<10	1		µg/L	GE	0
		Iodomethane (Methyl iodide)	<10	<10	<10	<10	1		µg/L	WA	0
		Iron, total recoverable	42	<23	13	15	1		µg/L	WA	0
		Isobutyl alcohol	<20	<20	<20	<20	1		µg/L	WA	0
		Lead, total recoverable	<3.0	<3.0	3.5	5.6	1		µg/L	WA	0
		Lindane	<0.055	<0.052	<0.054	<0.053	1.06		µg/L	WA	0
		Magnesium, total recoverable	584	514	456	605	1		µg/L	WA	0
		Manganese, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	GE	0
		Mercury, total recoverable	<0.20	<0.20	<0.20	<0.20	1		µg/L	GE	0
		Methacrylonitrile	<20	<20	<20	<20	1		µg/L	WA	0
		Methoxychlor	<0.55	<0.53	<0.54	<0.50	1	J	µg/L	GE	0
		Methyl ethyl ketone	<10	<10	<10	<1.0	1		µg/L	GE	0
		Methyl isobutyl ketone	<10	<10	<10	<1.0	1		µg/L	GE	0
		Methyl methacrylate				<5.0	1		µg/L	GE	0
		Nickel, total recoverable	8.7	<4.0	<4.0	<4.0	1		µg/L	GE	0
		Nitrate as nitrogen	482	559	461	642	1		µg/L	WA	0
		Nitrate-nitrite as nitrogen				772	1		µg/L	GE	0
		Nonvolatile beta	1.6E+01	1.9E+01	1.8E+01	2.7E+01	1		pCi/L	TM	1
•		pH	5.0	5.0	5.2	5.4	1	J	pH	GE	0
		Phenols	<5.0	<5.0	<5.0	<5.0	1		µg/L	GE	0
		Potassium, total recoverable	684	927	700	1,080	1		µg/L	WA	0
		Propionitrile	<50	<50	<50	<50	1		µg/L	WA	0
		Radium, total alpha-emitting				3.1E+00	1		pCi/L	GP	0
		Radium-226	2.0E+00	1.9E+00	3.3E+00	2.4E+00	1		pCi/L	TM	0
		Radium-228	8.2E+00	1.0E+01	1.0E+01	1.5E+01	1		pCi/L	TM	1
		Selenium, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	GE	0
		Silica, total recoverable	5,900	6,230	5,550	6,900	2.1	J	µg/L	WA	0
		Silver, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	GE	0
		Sodium, total recoverable	1,430	1,430	1,650	1,470	1		µg/L	WA	0
		Specific conductance	19	20	22	26	1		µS/cm	GE	0
		Styrene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Sulfate	<1,000	<1,000	<1,000	1,280	1	J	µg/L	GE	0
		1,1,1,2-Tetrachloroethane	<10	<10	<10	<1.0	1		µg/L	GE	0
		1,1,2,2-Tetrachloroethane	<5.0	<5.0	<5.0	<1.0	1		µg/L	GE	0
		Tetrachloroethylene	<5.0	<5.0	<5.0	<1.0	1		µg/L	GE	0
		Toluene	<5.0	<5.0	<5.0	<1.0	1		µg/L	GE	0
		Total dissolved solids	20,000	25,000	32,000	23,000	1		µg/L	WA	0
		Total organic carbon	<1,000	<1,000	<1,000	<1,000	1		µg/L	GE	0
		Total organic halogens	<5.0	5.3	<5.0	5.0	1	J	µg/L	GE	0
		Total phosphates (as P)	86	<50	<50	1,140	5		µg/L	WA	0
		Total suspended solids	<1,000	<1,000	<1,000	<1,000	1		µg/L	GE	0
		Toxaphene	<1.1	<1.1	<1.1	<0.24	1	J	µg/L	GE	0
		2,4,5-TP (Silvex)	<0.55	<0.54	<0.56	<0.00045	1		µg/L	GE	0
		1,1,1-Trichloroethane	<5.0	<5.0	<5.0	<1.0	1		µg/L	GE	0
		1,1,2-Trichloroethane	<5.0	<5.0	<5.0	<1.0	1		µg/L	GE	0
		Trichloroethylene	<5.0	<5.0	<5.0	<1.0	1		µg/L	GE	0
		Trichlorofluoromethane	<5.0	<5.0	<5.0	<1.0	1		µg/L	GE	0
		1,2,3-Trichloropropane	<10	<10	<10	<1.0	1		µg/L	GE	0
		Tritium	3.4E+00	3.2E+00	2.4E+00	3.1E+00	1		pCi/mL	GP	0
		Vanadium, total recoverable	<3.0	<3.0	<3.0	<3.0	1		µg/L	WA	0
		Vinyl acetate	<10	<10	<10	<10	1		µg/L	GE	0
		Xylenes	<5.0	<5.0	<5.0	<2.0	1		µg/L	GE	0

Note: Flagging, dilution factors, modifiers, and laboratories are for fourth quarter 1994 data only. See Appendix B for flagging criteria.

• = exceeded holding time for fourth quarter 1994.

■ = exceeded screening level or final PDWS for fourth quarter 1994.

WELL LFW 34

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

SAMPLE DATE	12/14/93	03/25/94	06/06/94	09/15/94
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FIELD DATA

Analyte	1Q94	2Q94	3Q94	4Q94	Unit
Water elevation	160.5	160.8	160.2	159.6	ft msl
Depth to water	40.5	40.2	40.8	41.4	ft
pH	5.2	5.1	4.7	5.0	pH
Sp. conductance	23	24	24	31	µS/cm
Water temperature	18.1	18.9	19.3	19.1	°C
Alkalinity as CaCO ₃	0	0	1	0	mg/L
Turbidity	1	0	0	0	NTU
Volume purged	6.8	8.7	8.3	5.0	well vol.
Sampling code					

ANALYTICAL DATA

H	ST	Analyte	1Q94	2Q94	3Q94	4Q94	DF	Mod	Unit	Lab	Flag
		Acetone	<10	<35	<10	<10	1		µg/L	WA	0
		Acetonitrile (Methyl cyanide)	<20	<20	<20	<20	1		µg/L	WA	0
		Acrolein	<10	<10	<10	<10	1		µg/L	WA	0
		Acrylonitrile	<10	<10	<10	<10	1		µg/L	WA	0
		Allyl chloride	<100	<20	<20	<20	1		µg/L	WA	0
		Aluminum, total recoverable	30	24	22	39	1		µg/L	WA	1
		Arsenic, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Barium, total recoverable	4.0	4.1	4.2	<4.0	1		µg/L	WA	0
		Benzene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Bromodichloromethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Bromoform	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Bromomethane (Methyl bromide)	<10	<10	<10	<10	1		µg/L	WA	0
		Cadmium, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Calcium, total recoverable	463	471	458	417	1		µg/L	WA	0
		Carbon disulfide	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Carbon tetrachloride	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Chloride	3,200	2,380	2,680	3,730	1		µg/L	WA	0
		Chlorobenzene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Chloroethane	<10	<10	<10	<10	1		µg/L	WA	0
		Chloroethene (Vinyl chloride)	<10	<10	<10	<10	1		µg/L	WA	0
		Chloroform	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Chloromethane (Methyl chloride)	<10	<10	<10	8.1	1	J	µg/L	WA	1
		Chloroprene	<20	<100	<100	<100	1		µg/L	WA	0
		Chromium, total recoverable	<4.0	<4.0	<4.0	<4.0	1		µg/L	WA	0
		Copper, total recoverable	4.7	<4.0	<4.0	<4.0	1		µg/L	WA	0
		Dibromochloromethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,2-Dibromo-3-chloropropane	<20	<20	<20	<20	1		µg/L	WA	0
		1,2-Dibromoethane	<20	<20	<20	<20	1		µg/L	WA	0
		Dibromomethane	<10	<10	<10	<10	1		µg/L	WA	0
		trans-1,4-Dichloro-2-butene	<100	<100	<100	<100	1		µg/L	WA	0
		Dichlorodifluoromethane	<10	<10	<10	<10	1		µg/L	WA	0
		1,1-Dichloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,2-Dichloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,1-Dichloroethylene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		trans-1,2-Dichloroethylene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Dichloromethane	<5.0	<20	3.5	<5.0	1		µg/L	WA	0
		2,4-Dichlorophenoxyacetic acid	<1.1	<1.1	<1.1	<1.1	1.11		µg/L	WA	0
		1,2-Dichloropropane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		cis-1,3-Dichloropropene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0

Note: Flagging, dilution factors, modifiers, and laboratories are for fourth quarter 1994 data only. See Appendix B for flagging criteria.

● = exceeded holding time for fourth quarter 1994.

■ = exceeded screening level or final PDWS for fourth quarter 1994.

Well LFW 34 continued

ANALYTICAL DATA

H	ST	Analyte	1Q94	2Q94	3Q94	4Q94	DF	Mod	Unit	Lab	Flag
		trans-1,3-Dichloropropene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Endrin	<0.11	<0.11	<0.11	<0.11	1.08		µg/L	WA	0
		Ethylbenzene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Fluoride	<100	<100	<100	<100	1		µg/L	WA	0
		Gross alpha	4.1E+00	2.1E+00	4.4E+00	2.4E+00	1	J	pCi/L	GP	0
		2-Hexanone	<10	<10	<10	<10	1		µg/L	WA	0
		Iodomethane (Methyl iodide)	<10	<10	<10	<10	1		µg/L	WA	0
		Iron, total recoverable	48	37	34	<61	1	J	µg/L	WA	0
		Isobutyl alcohol	<20	<20	<20	<20	1		µg/L	WA	0
		Lead, total recoverable	<3.0	3.1	<3.0	<3.0	1		µg/L	WA	0
		Lindane	<0.055	<0.053	<0.053	<0.054	1.08		µg/L	WA	0
		Magnesium, total recoverable	473	457	470	464	1		µg/L	WA	0
		Manganese, total recoverable	<2.0	2.0	2.0	<2.0	1		µg/L	WA	0
		Mercury, total recoverable	<0.20	<0.20	<0.20	<0.20	1		µg/L	WA	0
		Methacrylonitrile	<20	<20	<20	<20	1		µg/L	WA	0
		Methoxychlor	<0.55	<0.53	<0.53	<0.54	1.08		µg/L	WA	0
		Methyl ethyl ketone	<10	<10	<10	<10	1		µg/L	WA	0
		Methyl isobutyl ketone	<10	<10	<10	<10	1		µg/L	WA	0
		Nickel, total recoverable	<4.0	<4.0	<4.0	<4.0	1		µg/L	WA	0
		Nitrate as nitrogen	476	398	412	571	1		µg/L	WA	0
		Nonvolatile beta	7.2E+00	6.7E+00	4.4E+00	4.3E+00	1		pCi/L	GP	0
•		pH	5.2	5.2	5.4	5.0	1	J	pH	WA	0
		Phenols	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Potassium, total recoverable	808	903	635	700	1		µg/L	WA	0
		Propionitrile	<50	<50	<50	<50	1		µg/L	WA	0
		Radium, total alpha-emitting				1.6E+00	1	J	pCi/L	GP	0
		Radium-226	1.3E+00	1.2E+00	1.5E+00				pCi/L		
		Radium-228	4.5E+00	2.1E+00	3.2E+00				pCi/L		
		Selenium, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Silica, total recoverable	7,080	6,230	5,920	6,210	2.1		µg/L	WA	0
		Silver, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Sodium, total recoverable	1,830	1,470	1,810	2,060	1		µg/L	WA	0
		Specific conductance	20	19	21	24	1		µS/cm	WA	0
		Styrene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Sulfate	<1,000	<1,000	<1,000	<1,000	1		µg/L	WA	0
		1,1,1,2-Tetrachloroethane	<10	<10	<10	<10	1		µg/L	WA	0
		1,1,2,2-Tetrachloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Tetrachloroethylene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Toluene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Total dissolved solids	25,000	23,000	27,000	34,000	1		µg/L	WA	0
		Total organic carbon	<1,000	<1,000	<1,000	<1,000	1		µg/L	WA	0
		Total organic halogens	<5.0	10	<5.0	<5.0	1		µg/L	WA	0
		Total phosphates (as P)	94	<50	<50	<50	1		µg/L	WA	0
		Total suspended solids	<1,000	<1,000	<1,000	<1,000	1		µg/L	GE	0
		Toxaphene	<1.1	<1.1	<1.1	<1.1	1.08		µg/L	WA	0
		2,4,5-TP (Silvex)	<0.56	<0.54	<0.54	<0.56	1.11		µg/L	WA	0
		1,1,1-Trichloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,1,2-Trichloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Trichloroethylene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Trichlorofluoromethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,2,3-Trichloropropane	<10	<10	<10	<10	1		µg/L	WA	0
		Tritium	3.0E+00	2.8E+00	2.8E+00	3.5E+00	1		pCi/mL	GP	0
		Vanadium, total recoverable	<3.0	<3.0	<3.0	<3.0	1		µg/L	WA	0
		Vinyl acetate	<10	<10	<10	<10	1		µg/L	WA	0
		Xylenes	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0

Note: Flagging, dilution factors, modifiers, and laboratories are for fourth quarter 1994 data only. See Appendix B for flagging criteria.

• = exceeded holding time for fourth quarter 1994.

■ = exceeded screening level or final PDWS for fourth quarter 1994.

WELL LFW 35

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

SAMPLE DATE	12/13/93	03/21/94	06/06/94	09/15/94
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FIELD DATA

Analyte	1Q94	2Q94	3Q94	4Q94	Unit
Water elevation	159.1	159.9	159.0	158.4	ft msl
Depth to water	24.6	23.8	24.7	25.3	ft
pH	4.9	4.9	4.6	4.7	pH
Sp. conductance	19	26	33	42	µS/cm
Water temperature	20.9	21.0	20.2	19.7	°C
Alkalinity as CaCO ₃	0	0	0	0	mg/L
Turbidity	0	0	0	1	NTU
Volume purged	6.0	10.9	10.3	12.0	well vol.
Sampling code					

ANALYTICAL DATA

H	ST	Analyte	1Q94	2Q94	3Q94	4Q94	DF	Mod	Unit	Lab	Flag
		Acetone	<10	<8.6	<10	<10	1		µg/L	WA	0
		Acetonitrile (Methyl cyanide)	<20	<20	<20	<20	1		µg/L	WA	0
		Acrolein	<10	<10	<10	<10	1		µg/L	WA	0
		Acrylonitrile	<10	<10	<10	<10	1		µg/L	WA	0
		Allyl chloride	<100	<20	<20	<20	1		µg/L	WA	0
		Aluminum, total recoverable	20	<20	<20	52	1		µg/L	WA	2
		Arsenic, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Barium, total recoverable	6.3	6.1	4.8	7.8	1		µg/L	WA	0
		Benzene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Bromodichloromethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Bromoform	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Bromomethane (Methyl bromide)	<10	<10	<10	<10	1		µg/L	WA	0
		Cadmium, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Calcium, total recoverable	411	366	296	496	1		µg/L	WA	0
		Carbon disulfide	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Carbon tetrachloride	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Chloride	2,500	2,060	2,940	4,120	1		µg/L	WA	0
		Chlorobenzene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Chloroethane	<10	<10	<10	<10	1		µg/L	WA	0
		Chloroethene (Vinyl chloride)	<10	<10	<10	<10	1		µg/L	WA	0
		Chloroform	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Chloromethane (Methyl chloride)	<10	<10	<10	8.4	1	J	µg/L	WA	1
		Chloroprene	<20	<100	<100	<100	1		µg/L	WA	0
		Chromium, total recoverable	<4.0	<4.0	<4.0	<4.0	1		µg/L	WA	0
		Copper, total recoverable	4.0	<4.0	<4.0	<4.0	1		µg/L	WA	0
		Dibromochloromethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,2-Dibromo-3-chloropropane	<20	<20	<20	<20	1		µg/L	WA	0
		1,2-Dibromoethane	<20	<20	<20	<20	1		µg/L	WA	0
		Dibromomethane	<10	<10	<10	<10	1		µg/L	WA	0
		trans-1,4-Dichloro-2-butene	<100	<100	<100	<100	1		µg/L	WA	0
		Dichlorodifluoromethane	<10	<10	<10	<10	1		µg/L	WA	0
		1,1-Dichloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,2-Dichloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,1-Dichloroethylene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		trans-1,2-Dichloroethylene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Dichloromethane	<5.0	<3.0	3.7	<5.0	1		µg/L	WA	0
		2,4-Dichlorophenoxyacetic acid	<1.2	<1.1	<1.1	<1.1	1.1		µg/L	WA	0
		1,2-Dichloropropane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		cis-1,3-Dichloropropene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0

Note: Flagging, dilution factors, modifiers, and laboratories are for fourth quarter 1994 data only. See Appendix B for flagging criteria.

● = exceeded holding time for fourth quarter 1994.

■ = exceeded screening level or final PDWS for fourth quarter 1994.

Well LFW 35 continued

ANALYTICAL DATA

H	ST	Analyte	1Q94	2Q94	3Q94	4Q94	DF	Mod	Unit	Lab	Flag
		trans-1,3-Dichloropropene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Endrin	<0.11	<0.11	<0.11	<0.11	1.05		µg/L	WA	0
		Ethylbenzene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Fluoride	<100	<100	<100	<100	1		µg/L	WA	0
		Gross alpha	2.6E+00	5.1E+00	4.6E+00	4.5E+00	1		pCi/L	GP	0
		2-Hexanone	<10	<10	<10	<10	1		µg/L	WA	0
		Iodomethane (Methyl iodide)	<10	<10	<10	<10	1		µg/L	WA	0
		Iron, total recoverable	16	10	5.8	<61	1	J	µg/L	WA	0
		Isobutyl alcohol	<20	<20	<20	<20	1		µg/L	WA	0
		Lead, total recoverable	<3.0	<3.0	<3.0	<3.0	1		µg/L	WA	0
		Lindane	<0.053	<0.055	<0.056	<0.052	1.05		µg/L	WA	0
		Magnesium, total recoverable	711	661	527	900	1		µg/L	WA	0
		Manganese, total recoverable	3.0	2.6	6.0	6.0	1		µg/L	WA	0
		Mercury, total recoverable	<0.20	<0.20	<0.20	<0.20	1		µg/L	WA	0
		Methacrylonitrile	<20	<20	<20	<20	1		µg/L	WA	0
		Methoxychlor	<0.53	<0.55	<0.56	<0.53	1.05		µg/L	WA	0
		Methyl ethyl ketone	<10	<10	<10	<10	1		µg/L	WA	0
		Methyl isobutyl ketone	<10	<10	<10	<10	1		µg/L	WA	0
		Nickel, total recoverable	4.0	<4.0	<4.0	<4.0	1		µg/L	WA	0
		Nitrate as nitrogen	1,270	938	1,320	1,800	5		µg/L	WA	0
		Nonvolatile beta	7.9E+00	1.1E+01	5.6E+00	5.1E+00	1		pCi/L	GP	0
•		pH	5.1	5.6	5.2	4.7	1	J	pH	WA	0
		Phenols	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Potassium, total recoverable	<500	<500	<500	<500	1		µg/L	WA	0
		Propionitrile	<50	<50	<50	<50	1		µg/L	WA	0
		Radium, total alpha-emitting				2.7E+00	1		pCi/L	GP	0
		Radium-226	1.1E+00	8.1E-01	1.3E+00				pCi/L		
		Radium-228	3.0E+00	3.3E+00	2.8E+00				pCi/L		
		Selenium, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Silica, total recoverable	5,420	5,650	4,580	6,160	2.1		µg/L	WA	0
		Silver, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Sodium, total recoverable	1,130	1,170	2,090	2,730	1		µg/L	WA	0
		Specific conductance	16	18	28	34	1		µS/cm	WA	0
		Styrene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Sulfate	<1,000	<1,000	<1,000	<1,000	1		µg/L	WA	0
		1,1,1,2-Tetrachloroethane	<10	<10	<10	<10	1		µg/L	WA	0
		1,1,2,2-Tetrachloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Tetrachloroethylene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Toluene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Total dissolved solids	8,000	25,000	30,000	38,000	1		µg/L	WA	0
		Total organic carbon	<1,000	<1,000	1,780	<1,000	1		µg/L	WA	0
		Total organic halogens	<5.0	16	<5.0	<5.0	1		µg/L	WA	0
		Total phosphates (as P)	<50	<50	<50	1,700	5		µg/L	WA	0
		Total suspended solids	<1,000	<1,000	<1,000	<1,000	1		µg/L	GE	0
		Toxaphene	<1.1	<1.1	<1.1	<1.1	1.05		µg/L	WA	0
		2,4,5-TP (Silvex)	<0.59	<0.56	<0.55	<0.55	1.1		µg/L	WA	0
		1,1,1-Trichloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,1,2-Trichloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Trichloroethylene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Trichlorofluoromethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,2,3-Trichloropropane	<10	<10	<10	<10	1		µg/L	WA	0
		Tritium	1.7E+00	1.6E+00	2.1E+00	2.1E+00	1		pCi/mL	GP	0
		Vanadium, total recoverable	<3.0	<3.0	<3.0	<3.0	1		µg/L	WA	0
		Vinyl acetate	<10	<10	<10	<10	1		µg/L	WA	0
		Xylenes	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0

Note: Flagging, dilution factors, modifiers, and laboratories are for fourth quarter 1994 data only. See Appendix B for flagging criteria.

• = exceeded holding time for fourth quarter 1994.

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WELL LFW 36

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

SAMPLE DATE 12/17/93 03/21/94 06/10/94 09/07/94

FIELD DATA

Analyte	1Q94	2Q94	3Q94	4Q94	Unit
Water elevation	145.7	146.4	145.6	145.5	ft msl
Depth to water	24.7	24.0	24.8	24.9	ft
pH	6.3	6.4	6.3	6.5	pH
Sp. conductance	285	301	317	305	µS/cm
Water temperature	19.7	18.7	19.0	19.9	°C
Alkalinity as CaCO ₃	84	76	112	116	mg/L
Turbidity	7	2	7	2	NTU
Volume purged	33.8	38.1	32.5	20.5	well vol.
Sampling code					

ANALYTICAL DATA

H	ST	Analyte	1Q94	2Q94	3Q94	4Q94	DF	Mod	Unit	Lab	Flag
		Acetone	<10	<10	<13	<10	1		µg/L	WA	0
		Acetonitrile (Methyl cyanide)	<20	<20	<25	<20	1		µg/L	WA	0
		Acrolein	<10	<10	<13	<10	1		µg/L	WA	0
		Acrylonitrile	<10	<10	<13	<10	1		µg/L	WA	0
		Allyl chloride	<100	<20	<25	<20	1		µg/L	WA	0
		Aluminum, total recoverable	41	98	736	<20	1		µg/L	WA	0
		Arsenic, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Barium, total recoverable	<4.0	6.5	<4.0	<4.0	1		µg/L	WA	0
		Benzene	4.1	5.5	4.0	2.7	1	J	µg/L	WA	1
		Bromodichloromethane	<5.0	<5.0	<6.3	<5.0	1		µg/L	WA	0
		Bromoform	<5.0	<5.0	<6.3	<5.0	1		µg/L	WA	0
		Bromomethane (Methyl bromide)	<10	<10	<13	<10	1		µg/L	WA	0
		Cadmium, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Calcium, total recoverable	4,700	5,430	4,890	5,290	1		µg/L	WA	0
		Carbon disulfide	<5.0	<5.0	<6.3	<5.0	1		µg/L	WA	0
		Carbon tetrachloride	<5.0	<5.0	<6.3	<5.0	1		µg/L	WA	0
		Chloride	30,300	30,100	28,200	38,900	10		µg/L	WA	0
		Chlorobenzene	25	30	27	16	1		µg/L	WA	0
		Chloroethane	2.8	5.7	5.6	<10	1		µg/L	WA	0
■		Chloroethene (Vinyl chloride)	3.6	4.4	5.4	3.0	1	J	µg/L	WA	2
		Chloroform	<5.0	<5.0	<6.3	<5.0	1		µg/L	WA	0
		Chloromethane (Methyl chloride)	<10	<10	<13	22	1		µg/L	WA	2
		Chloroprene	<20	<100	<125	<100	1		µg/L	WA	0
		Chromium, total recoverable	<4.0	<4.0	9.9	<4.0	1		µg/L	WA	0
		Copper, total recoverable	<4.0	<4.0	4.8	<4.0	1		µg/L	WA	0
		Dibromochloromethane	<5.0	<5.0	<6.3	<5.0	1		µg/L	WA	0
		1,2-Dibromo-3-chloropropane	<20	<20	<25	<20	1		µg/L	WA	0
		1,2-Dibromoethane	<20	<20	<25	<20	1		µg/L	WA	0
		Dibromomethane	<10	<10	<13	<10	1		µg/L	WA	0
		trans-1,4-Dichloro-2-butene	<100	<100	<125	<100	1		µg/L	WA	0
		Dichlorodifluoromethane	1.9	7.6	5.1	5.1	1	J	µg/L	WA	1
		1,1-Dichloroethane	48	48	44	30	1		µg/L	WA	2
		1,2-Dichloroethane	3.1	4.0	4.7	<5.0	1		µg/L	WA	0
		1,1-Dichloroethylene	<5.0	<5.0	<6.3	<5.0	1		µg/L	WA	0
		trans-1,2-Dichloroethylene	<5.0	<5.0	<6.3	<5.0	1		µg/L	WA	0
■		Dichloromethane	5.6	<40	<23	5.3	1		µg/L	WA	2
		2,4-Dichlorophenoxyacetic acid	<1.1	<1.1	<1.1	<1.1	1.09		µg/L	WA	0
		1,2-Dichloropropane	<5.0	<5.0	<6.3	<5.0	1		µg/L	WA	0
		cis-1,3-Dichloropropene	<5.0	<5.0	<6.3	<5.0	1		µg/L	WA	0

Note: Flagging, dilution factors, modifiers, and laboratories are for fourth quarter 1994 data only. See Appendix B for flagging criteria.

● = exceeded holding time for fourth quarter 1994.

■ = exceeded screening level or final PDWS for fourth quarter 1994.

Well LFW 36 continued

ANALYTICAL DATA

H	ST	Analyte	1Q94	2Q94	3Q94	4Q94	DF	Mod	Unit	Lab	Flag
		trans-1,3-Dichloropropene	<5.0	<5.0	<6.3	<5.0	1		µg/L	WA	0
		Endrin	<0.11	<0.11	<0.11	<0.11	1.05		µg/L	WA	0
		Ethylbenzene	<5.0	1.1	1.5	1.2	1	J	µg/L	WA	0
		Fluoride	136	134	143	131	1		µg/L	WA	0
		Gross alpha	7.9E+00	4.2E+00	3.3E+01	2.8E+00	1	J	pCi/L	GP	0
		2-Hexanone	<10	<10	<13	<10	1		µg/L	WA	0
		Iodomethane (Methyl iodide)	<10	<10	<13	<10	1		µg/L	WA	0
		Iron, total recoverable	16,000	9,420	28,200	20,300	1		µg/L	WA	2
		Isobutyl alcohol	<20	<20	<25	<20	1		µg/L	WA	0
		Lead, total recoverable	<3.0	<3.0	10	<3.0	1		µg/L	WA	0
		Lindane	<0.054	<0.055	<0.055	<0.052	1.05		µg/L	WA	0
		Magnesium, total recoverable	11,200	12,700	12,700	14,000	1		µg/L	WA	0
		Manganese, total recoverable	12	14	17	18	1		µg/L	WA	0
		Mercury, total recoverable	0.34	<0.20	<0.20	<0.20	1		µg/L	WA	0
		Methacrylonitrile	<20	<20	<25	<20	1		µg/L	WA	0
		Methoxychlor	<0.54	<0.55	<0.55	<0.53	1.05		µg/L	WA	0
		Methyl ethyl ketone	<10	<10	<13	<10	1		µg/L	WA	0
		Methyl isobutyl ketone	<10	<10	2.2	<10	1		µg/L	WA	0
		Nickel, total recoverable	<4.0	5.5	<4.0	<4.0	1		µg/L	WA	0
		Nitrate as nitrogen	121	29	117	<20	1		µg/L	WA	0
		Nonvolatile beta	1.4E+02	7.9E+00	2.8E+01	5.0E+00	1		pCi/L	GP	0
•		pH	6.4	6.8	6.2	6.4	1	J	pH	WA	0
		Phenols	<5.0	<5.0	6.7	<5.0	1		µg/L	WA	0
		Potassium, total recoverable	828	1,080	963	905	1		µg/L	WA	0
		Propionitrile	<50	<50	<63	<50	1		µg/L	WA	0
		Radium, total alpha-emitting				1.9E+00	1		pCi/L	GP	0
		Radium-226	1.1E+00	1.3E+00	3.0E+00				pCi/L		
		Radium-228	3.8E+00	3.7E+00	1.2E+01				pCi/L		
		Selenium, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Silica, total recoverable	6,350	6,820	8,530	6,680	2.1		µg/L	WA	0
		Silver, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Sodium, total recoverable	24,200	26,000	26,300	15,000	1		µg/L	WA	0
		Specific conductance	193	249	250	238	1		µS/cm	WA	0
		Styrene	<5.0	<5.0	<6.3	<5.0	1		µg/L	WA	0
		Sulfate	1,330	<1,000	<1,000	<1,000	1		µg/L	WA	0
		1,1,1,2-Tetrachloroethane	<10	<10	<13	<10	1		µg/L	WA	0
		1,1,2,2-Tetrachloroethane	<5.0	<5.0	<6.3	<5.0	1		µg/L	WA	0
		Tetrachloroethylene	<5.0	<5.0	<6.3	<5.0	1		µg/L	WA	0
		Toluene	<5.0	1.3	1.5	<5.0	1		µg/L	WA	0
		Total dissolved solids	122,000	132,000	142,000	112,000	1		µg/L	WA	0
		Total organic carbon	4,270	6,570	5,200	4,000	1		µg/L	WA	0
		Total organic halogens	373	517	486	415	4		µg/L	WA	2
		Total phosphates (as P)	<50	183	<50	69	1		µg/L	WA	0
		Total suspended solids	48,000	<1,000	56,000	23,000	1		µg/L	GE	0
		Toxaphene	<1.1	<1.1	<1.1	<1.1	1.05		µg/L	WA	0
		2,4,5-TP (Silvex)	<0.55	<0.55	<0.55	<0.55	1.09		µg/L	WA	0
		1,1,1-Trichloroethane	<5.0	1.6	<6.3	1.6	1	J	µg/L	WA	0
		1,1,2-Trichloroethane	<5.0	<5.0	<6.3	<5.0	1		µg/L	WA	0
		Trichloroethylene	<5.0	<5.0	<6.3	<5.0	1		µg/L	WA	0
		Trichlorofluoromethane	3.8	16	4.6	15	1		µg/L	WA	2
		1,2,3-Trichloropropane	<10	<10	<13	<10	1		µg/L	WA	0
		Tritium	8.9E+00	1.1E+01	8.6E+00	6.8E+00	1		pCi/mL	GP	0
		Vanadium, total recoverable	<3.0	<3.0	<3.0	<3.0	1		µg/L	WA	0
		Vinyl acetate	<10	<10	<13	<10	1		µg/L	WA	0
		Xylenes	<5.0	1.5	1.6	<5.0	1		µg/L	WA	0

Note: Flagging, dilution factors, modifiers, and laboratories are for fourth quarter 1994 data only. See Appendix B for flagging criteria.

- = exceeded holding time for fourth quarter 1994.
- = exceeded screening level or final PDWS for fourth quarter 1994.

WELL LFW 37

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

SAMPLE DATE	12/15/93	03/21/94	06/10/94	09/07/94
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FIELD DATA

Analyte	1Q94	2Q94	3Q94	4Q94	Unit
Water elevation	142.6	143.3	142.5	142.5	ft msl
Depth to water	27.3	26.6	27.4	27.4	ft
pH	5.7	6.3	6.3	6.6	pH
Sp. conductance	241	727	932	647	µS/cm
Water temperature	19.8	20.4	19.5	19.8	°C
Alkalinity as CaCO ₃	33	206	425	178	mg/L
Turbidity	0	1	2	1	NTU
Volume purged	12.8	11.1	7.4	10.6	well vol.
Sampling code					

ANALYTICAL DATA

H	ST	Analyte	1Q94	2Q94	3Q94	4Q94	DF	Mod	Unit	Lab	Flag
		Acetone	<10	565	822	37	1		µg/L	WA	0
		Acetonitrile (Methyl cyanide)	<20	<20	<20	<20	1		µg/L	WA	0
		Acrolein	<10	<10	<10	<10	1		µg/L	WA	0
		Acrylonitrile	<10	<10	<10	<10	1		µg/L	WA	0
		Allyl chloride	<100	<20	<20	<20	1		µg/L	WA	0
		Aluminum, total recoverable	<20	<20	<20	27	1		µg/L	WA	1
		Arsenic, total recoverable	2.3	5.6	9.6	7.4	1		µg/L	WA	0
		Barium, total recoverable	11	11	6.8	4.8	1		µg/L	WA	0
■		Benzene	6.8	9.0	7.1	7.4	1		µg/L	WA	2
		Bromodichloromethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Bromoform	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Bromomethane (Methyl bromide)	<10	<10	<10	<10	1		µg/L	WA	0
		Cadmium, total recoverable	<2.0	<2.0	<10	<2.0	1		µg/L	WA	0
		Calcium, total recoverable	5,740	23,000	26,400	10,200	1		µg/L	WA	0
		Carbon disulfide	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Carbon tetrachloride	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Chloride	42,000	46,200	48,900	38,600	5		µg/L	WA	0
		Chlorobenzene	3.4	3.4	3.8	8.1	1		µg/L	WA	0
		Chloroethane	<10	<10	7.2	<10	1		µg/L	WA	0
		Chloroethene (Vinyl chloride)	<10	<10	<10	<10	1		µg/L	WA	0
		Chloroform	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Chloromethane (Methyl chloride)	<10	<10	<10	<10	1		µg/L	WA	0
		Chloroprene	<20	<100	<100	<100	1		µg/L	WA	0
		Chromium, total recoverable	<4.0	<4.0	<4.0	<4.0	1		µg/L	WA	0
		Copper, total recoverable	<4.0	4.1	5.1	5.7	1		µg/L	WA	0
		Dibromochloromethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,2-Dibromo-3-chloropropane	<20	<20	<20	<20	1		µg/L	WA	0
		1,2-Dibromoethane	<20	<20	<20	<20	1		µg/L	WA	0
		Dibromomethane	<10	<10	<10	<10	1		µg/L	WA	0
		trans-1,4-Dichloro-2-butene	<100	<100	<100	<100	1		µg/L	WA	0
		Dichlorodifluoromethane	14	23	30	12	1		µg/L	WA	2
		1,1-Dichloroethane	98	105	114	91	1		µg/L	WA	2
■		1,2-Dichloroethane	4.9	4.4	4.7	6.2	1		µg/L	WA	2
		1,1-Dichloroethylene	3.2	4.8	4.7	2.6	1	J	µg/L	WA	0
		trans-1,2-Dichloroethylene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
■		Dichloromethane	102	167	190	56	1		µg/L	WA	2
		2,4-Dichlorophenoxyacetic acid	<1.1	<1.1	<1.1	<1.1	1.05		µg/L	WA	0
		1,2-Dichloropropane	1.4	2.2	2.2	1.1	1	J	µg/L	WA	0
		cis-1,3-Dichloropropene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0

Note: Flagging, dilution factors, modifiers, and laboratories are for fourth quarter 1994 data only. See Appendix B for flagging criteria.

● = exceeded holding time for fourth quarter 1994.

■ = exceeded screening level or final PDWS for fourth quarter 1994.

Well LF7 37 continued

ANALYTICAL DATA

H	ST	Analyte	1Q94	2Q94	3Q94	4Q94	DF	Mod	Unit	Lab	Flag
		trans-1,3-Dichloropropene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Endrin	<0.11	<0.11	<0.10	<0.10	1.03		µg/L	WA	0
		Ethylbenzene	4.3	14	15	2.0	1	J	µg/L	WA	0
		Fluoride	<100	<100	193	213	1		µg/L	WA	0
		Gross alpha	1.2E+01	2.4E+01	1.2E+01	7.5E+00	1		pCi/L	GP	1
		2-Hexanone	<10	<10	2.4	<10	1		µg/L	WA	0
		Iodomethane (Methyl iodide)	<10	<10	<10	<10	1		µg/L	WA	0
		Iron, total recoverable	56	92,300	252,000	136,000	5		µg/L	WA	2
		Isobutyl alcohol	<20	<20	<20	<20	1		µg/L	WA	0
		Lead, total recoverable	<3.0	<3.0	<3.0	<3.0	1		µg/L	WA	0
		Lindane	<0.055	<0.056	<0.052	<0.052	1.03		µg/L	WA	0
		Magnesium, total recoverable	10,800	33,100	27,900	14,600	1		µg/L	WA	0
		Manganese, total recoverable	<2.0	46	52	34	1		µg/L	WA	1
		Mercury, total recoverable	<0.20	<0.20	<0.20	0.33	1		µg/L	WA	0
		Methacrylonitrile	<20	<20	<20	<20	1		µg/L	WA	0
		Methoxychlor	<0.55	<0.56	<0.52	<0.52	1.03		µg/L	WA	0
		Methyl ethyl ketone	<10	582	895	27	1		µg/L	WA	0
		Methyl isobutyl ketone	6.1	159	185	34	1		µg/L	WA	0
		Nickel, total recoverable	<4.0	<4.0	<4.0	<4.0	1		µg/L	WA	0
		Nitrate as nitrogen	35	<20	<20	<20	1		µg/L	WA	0
		Nonvolatile beta	3.3E+01	1.9E+01	9.1E+00	5.8E+00	1		pCi/L	GP	0
•		pH	5.6	6.5	5.8	6.1	1	J	pH	WA	0
		Phenols	<5.0	94	144	11	1		µg/L	WA	0
		Potassium, total recoverable	546	<500	<500	<500	1		µg/L	WA	0
		Propionitrile	<50	<50	<50	<50	1		µg/L	WA	0
		Radium, total alpha-emitting				3.2E+00	1		pCi/L	GP	0
		Radium-226	3.0E+00	2.5E+00	2.1E+00				pCi/L		
		Radium-228	7.5E+00	7.6E+00	6.9E+00				pCi/L		
		Selenium, total recoverable	<2.0	2.2	<2.0	<2.0	1		µg/L	WA	0
		Silica, total recoverable	11,400	13,800	10,600	9,850	2.1		µg/L	WA	0
		Silver, total recoverable	<2.0	<10	13	5.3	1		µg/L	WA	0
		Sodium, total recoverable	21,100	30,900	33,600	23,400	1		µg/L	WA	0
		Specific conductance	187	588	717	358	1		µS/cm	WA	1
		Styrene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Sulfate	20,100	32,100	20,700	<1,000	1		µg/L	WA	0
		1,1,1,2-Tetrachloroethane	<10	<10	<10	<10	1		µg/L	WA	0
		1,1,2,2-Tetrachloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Tetrachloroethylene	2.0	3.7	3.6	2.4	1	J	µg/L	WA	0
		Toluene	<5.0	19	23	2.6	1	J	µg/L	WA	0
		Total dissolved solids	139,000	419,000	531,000	233,000	1		µg/L	WA	0
		Total organic carbon	4,190	76,700	140,000	7,600	1		µg/L	WA	1
		Total organic halogens	932	1,160	866	740	10		µg/L	WA	2
		Total phosphates (as P)	91	706	<50	136	1		µg/L	WA	0
		Total suspended solids	<1,000	12,000	95,000	<1,000	1		µg/L	GE	0
		Toxaphene	<1.1	<1.1	<1.0	<1.0	1.03		µg/L	WA	0
		2,4,5-TP (Silvex)	<0.55	<0.55	<0.54	<0.53	1.05		µg/L	WA	0
		1,1,1-Trichloroethane	12	17	15	7.0	1		µg/L	WA	0
		1,1,2-Trichloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
■		Trichloroethylene	12	25	22	12	1		µg/L	WA	2
		Trichlorofluoromethane	50	65	131	49	1		µg/L	WA	2
		1,2,3-Trichloropropane	<10	<10	<10	<10	1		µg/L	WA	0
		Tritium	1.2E+01	1.1E+01	1.1E+01	1.2E+01	1		pCi/mL	GP	1
		Vanadium, total recoverable	<3.0	<3.0	<3.0	<15	5		µg/L	WA	0
		Vinyl acetate	<10	<10	<10	<10	1		µg/L	WA	0
		Xylenes	30	87	91	17	1		µg/L	WA	0

Note: Flagging, dilution factors, modifiers, and laboratories are for fourth quarter 1994 data only. See Appendix B for flagging criteria.

• = exceeded holding time for fourth quarter 1994.

■ = exceeded screening level or final PDWS for fourth quarter 1994.

WELL LFW 38

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

SAMPLE DATE	12/15/93	03/21/94	06/09/94	09/06/94
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FIELD DATA

Analyte	1Q94	2Q94	3Q94	4Q94	Unit
Water elevation	143.0	144.3	142.9	142.9	ft msl
Depth to water	27.3	26.0	27.4	27.4	ft
pH	4.9	4.9	4.5	4.8	pH
Sp. conductance	92	105	104	137	µS/cm
Water temperature	19.8	20.6	20.5	20.5	°C
Alkalinity as CaCO ₃	0	0	1	0	mg/L
Turbidity	0	1	0	0	NTU
Volume purged	10.8	4.0	6.8	5.9	well vol.
Sampling code					

ANALYTICAL DATA

H	ST	Analyte	1Q94	2Q94	3Q94	4Q94	DF	Mod	Unit	Lab	Flag
		Acetone	<10	<10	<11	15	1		µg/L	WA	0
		Acetonitrile (Methyl cyanide)	<20	<20	<20	<20	1		µg/L	WA	0
		Acrolein	<10	<10	<10	<10	1		µg/L	WA	0
		Acrylonitrile	<10	<10	<10	<10	1		µg/L	WA	0
		Allyl chloride	<100	<20	<20	<20	1		µg/L	WA	0
		Aluminum, total recoverable	37	32	34	44	1		µg/L	WA	1
		Arsenic, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Barium, total recoverable	5.9	15	7.2	7.4	1		µg/L	WA	0
■		Benzene	11	17	16	18	1		µg/L	WA	2
		Bromodichloromethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Bromoform	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Bromomethane (Methyl bromide)	<10	<10	<10	<10	1		µg/L	WA	0
		Cadmium, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Calcium, total recoverable	686	692	802	932	1		µg/L	WA	0
		Carbon disulfide	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Carbon tetrachloride	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Chloride	20,100	25,200	23,900	31,000	2		µg/L	WA	0
		Chlorobenzene	2.0	3.5	4.5	6.0	1		µg/L	WA	0
		Chloroethane	<10	<10	7.3	<10	1		µg/L	WA	0
■		Chloroethene (Vinyl chloride)	<10	<10	3.4	2.6	1	J	µg/L	WA	2
		Chloroform	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Chloromethane (Methyl chloride)	<10	<10	<10	<10	1		µg/L	WA	0
		Chloroprene	<20	<100	<100	<100	1		µg/L	WA	0
		Chromium, total recoverable	<4.0	<4.0	<4.0	<4.0	1		µg/L	WA	0
		Copper, total recoverable	<4.0	<4.0	<4.0	<4.0	1		µg/L	WA	0
		Dibromochloromethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,2-Dibromo-3-chloropropane	<20	<20	<20	<20	1		µg/L	WA	0
		1,2-Dibromoethane	<20	<20	<20	<20	1		µg/L	WA	0
		Dibromomethane	<10	<10	<10	<10	1		µg/L	WA	0
		trans-1,4-Dichloro-2-butene	<100	<100	<100	<100	1		µg/L	WA	0
		Dichlorodifluoromethane	24	11	28	19	1		µg/L	WA	2
■		1,1-Dichloroethane	98	65	123	106	1		µg/L	WA	2
		1,2-Dichloroethane	6.1	5.0	6.3	6.9	1		µg/L	WA	2
		1,1-Dichloroethylene	4.7	3.1	4.5	4.2	1	J	µg/L	WA	1
		trans-1,2-Dichloroethylene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
■		Dichloromethane	59	84	82	60	1		µg/L	WA	2
		2,4-Dichlorophenoxyacetic acid	<1.1	<1.1	<1.1	<1.1	1.09		µg/L	WA	0
		1,2-Dichloropropane	1.1	2.4	2.5	2.1	1	J	µg/L	WA	0
		cis-1,3-Dichloropropene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0

Note: Flagging, dilution factors, modifiers, and laboratories are for fourth quarter 1994 data only. See Appendix B for flagging criteria.

● = exceeded holding time for fourth quarter 1994.

■ = exceeded screening level or final PDWS for fourth quarter 1994.

Well LFW 38 continued

ANALYTICAL DATA

H	ST	Analyte	1Q94	2Q94	3Q94	4Q94	DF	Mod	Unit	Lab	Flag
		trans-1,3-Dichloropropene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Endrin	<0.11	<0.11	<0.11	<0.10	1.03		µg/L	WA	0
		Ethylbenzene	<5.0	<5.0	<5.0	1.0	1	J	µg/L	WA	0
		Fluoride	<100	<100	<100	<100	1		µg/L	WA	0
		Gross alpha	2.2E+00	5.3E+00	2.2E+00	4.1E+00	1		pCi/L	GP	0
		2-Hexanone	<10	<10	<10	<10	1		µg/L	WA	0
		Iodomethane (Methyl iodide)	<10	<10	<10	<10	1		µg/L	WA	0
		Iron, total recoverable	54	153	113	158	1		µg/L	WA	1
		Isobutyl alcohol	<20	<20	<20	<20	1		µg/L	WA	0
		Lead, total recoverable	5.0	<3.0	<3.0	<3.0	1		µg/L	WA	0
		Lindane	<0.055	<0.055	<0.052	<0.052	1.03		µg/L	WA	0
		Magnesium, total recoverable	1,230	1,040	1,050	1,280	1		µg/L	WA	0
		Manganese, total recoverable	5.7	6.3	6.8	14	1		µg/L	WA	0
		Mercury, total recoverable	0.23	<0.20	<0.20	<0.20	1		µg/L	WA	0
		Methacrylonitrile	<20	<20	<20	<20	1		µg/L	WA	0
		Methoxychlor	<0.55	<0.55	<0.53	<0.52	1.03		µg/L	WA	0
		Methyl ethyl ketone	<10	<10	<10	<10	1		µg/L	WA	0
		Methyl isobutyl ketone	<10	5.9	8.2	<10	1		µg/L	WA	0
		Nickel, total recoverable	<4.0	<4.0	<4.0	<4.0	1		µg/L	WA	0
		Nitrate as nitrogen	95	142	59	180	1		µg/L	WA	0
●		Nonvolatile beta	1.3E+01	5.2E+00	4.0E+00	3.5E+00	1		pCi/L	GP	0
		pH	5.1	5.6	4.9	5.0	1	J	pH	WA	0
		Phenols	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Potassium, total recoverable	527	<500	538	542	1		µg/L	WA	0
		Propionitrile	<50	<50	<50	<50	1		µg/L	WA	0
		Radium, total alpha-emitting				2.0E+00	1		pCi/L	GP	0
		Radium-226	9.7E-01	1.2E+00	1.2E+00				pCi/L		
		Radium-228	3.7E+00	2.1E+00	1.8E+00				pCi/L		
		Selenium, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Silica, total recoverable	12,800	11,900	12,300	14,400	2.1		µg/L	WA	0
		Silver, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Sodium, total recoverable	12,400	12,000	15,600	19,600	1		µg/L	WA	0
		Specific conductance	68	79	94	129	1		µS/cm	WA	0
		Styrene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Sulfate	<1,000	<1,000	<1,000	<1,000	1		µg/L	WA	0
		1,1,1,2-Tetrachloroethane	<10	<10	<10	<10	1		µg/L	WA	0
		1,1,2,2-Tetrachloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Tetrachloroethylene	2.5	2.1	2.7	3.2	1	J	µg/L	WA	1
		Toluene	<5.0	<5.0	1.3	1.3	1	J	µg/L	WA	0
		Total dissolved solids	60,000	80,000	97,000	69,000	1		µg/L	WA	0
		Total organic carbon	2,590	4,680	2,900	4,200	1		µg/L	WA	0
		Total organic halogens	1,610	339	455	951	10		µg/L	WA	2
		Total phosphates (as P)	<50	<50	<50	67	1		µg/L	WA	0
		Total suspended solids	<1,000	<1,000	2,000	<1,000	1		µg/L	GE	0
		Toxaphene	<1.1	<1.1	<1.1	<1.0	1.03		µg/L	WA	0
		2,4,5-TP (Silvex)	<0.55	<0.54	<0.54	<0.55	1.09		µg/L	WA	0
		1,1,1-Trichloroethane	8.5	13	20	21	1		µg/L	WA	0
		1,1,2-Trichloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
■		Trichloroethylene	16	16	20	20	1		µg/L	WA	2
		Trichlorofluoromethane	21	45	82	132	1		µg/L	WA	2
		1,2,3-Trichloropropane	<10	<10	<10	<10	1		µg/L	WA	0
■		Tritium	1.9E+01	1.7E+01	1.9E+01	2.1E+01	1		pCi/mL	GP	2
		Vanadium, total recoverable	<3.0	<3.0	<3.0	<3.0	1		µg/L	WA	0
		Vinyl acetate	<10	<10	<10	<10	1		µg/L	WA	0
		Xylenes	4.8	17	21	22	1		µg/L	WA	0

Note: Flagging, dilution factors, modifiers, and laboratories are for fourth quarter 1994 data only. See Appendix B for flagging criteria.

● = exceeded holding time for fourth quarter 1994.

■ = exceeded screening level or final PDWS for fourth quarter 1994.

WELL LFW 39

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

SAMPLE DATE	12/15/93	03/21/94	06/09/94	09/06/94
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FIELD DATA

Analyte	1Q94	2Q94	3Q94	4Q94	Unit
Water elevation	143.1	144.4	143.1	142.9	ft msl
Depth to water	28.3	27.0	28.3	28.5	ft
pH	5.0	4.7	4.6	5.3	pH
Sp. conductance	109	124	126	318	µS/cm
Water temperature	19.0	20.0	20.0	20.0	°C
Alkalinity as CaCO ₃	0	0	1	20	mg/L
Turbidity	0	0	0	0	NTU
Volume purged	13.0	20.5	11.8	13.4	well vol.
Sampling code					

ANALYTICAL DATA

H	ST	Analyte	1Q94	2Q94	3Q94	4Q94	DF	Mod	Unit	Lab	Flag
		Acetone	<10	<10	<11	<24	1	J	µg/L	WA	0
		Acetonitrile (Methyl cyanide)	<20	<20	<20	<20	1		µg/L	WA	0
		Acrolein	<10	<10	<10	<10	1		µg/L	WA	0
		Acrylonitrile	<10	<10	<10	<10	1		µg/L	WA	0
		Allyl chloride	<100	<20	<20	<20	1		µg/L	WA	0
		Aluminum, total recoverable	40	36	40	86	1		µg/L	WA	2
		Arsenic, total recoverable	2.2	<2.0	<2.0	5.0	1		µg/L	WA	0
		Barium, total recoverable	7.3	7.8	9.7	16	1		µg/L	WA	0
		Benzene	2.3	2.4	2.8	2.6	1	J	µg/L	WA	1
		Bromodichloromethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Bromoform	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Bromomethane (Methyl bromide)	<10	<10	<10	<10	1		µg/L	WA	0
		Cadmium, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Calcium, total recoverable	557	629	1,630	7,340	1		µg/L	WA	0
		Carbon disulfide	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Carbon tetrachloride	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Chloride	20,900	24,100	20,700	28,400	25		µg/L	WA	0
		Chlorobenzene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Chloroethane	<10	<10	8.3	<10	1		µg/L	WA	0
■		Chloroethene (Vinyl chloride)	<10	<10	4.3	11	1		µg/L	WA	2
		Chloroform	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Chloromethane (Methyl chloride)	<10	<10	<10	<10	1		µg/L	WA	0
		Chloroprene	<20	<100	<100	<100	1		µg/L	WA	0
		Chromium, total recoverable	<4.0	<4.0	<4.0	<4.0	1		µg/L	WA	0
		Copper, total recoverable	<4.0	<4.0	<4.0	<4.0	1		µg/L	WA	0
		Dibromochloromethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,2-Dibromo-3-chloropropane	<20	<20	<20	<20	1		µg/L	WA	0
		1,2-Dibromoethane	<20	<20	<20	<20	1		µg/L	WA	0
		Dibromomethane	<10	<10	<10	<10	1		µg/L	WA	0
		trans-1,4-Dichloro-2-butene	<100	<100	<100	<100	1		µg/L	WA	0
		Dichlorodifluoromethane	47	28	49	37	1		µg/L	WA	2
		1,1-Dichloroethane	130	90	137	127	1		µg/L	WA	2
		1,2-Dichloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,1-Dichloroethylene	9.0	5.8	6.5	5.9	1		µg/L	WA	1
		trans-1,2-Dichloroethylene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
■		Dichloromethane	224	182	196	70	1		µg/L	WA	2
		2,4-Dichlorophenoxyacetic acid	<1.1	<1.1	<1.1	<1.1	1.08		µg/L	WA	0
		1,2-Dichloropropane	2.9	2.6	2.5	2.4	1	J	µg/L	WA	0
		cis-1,3-Dichloropropene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0

Note: Flagging, dilution factors, modifiers, and laboratories are for fourth quarter 1994 data only. See Appendix B for flagging criteria.

● = exceeded holding time for fourth quarter 1994.

■ = exceeded screening level or final PDWS for fourth quarter 1994.

Well LFW 39 continued

ANALYTICAL DATA

H	ST	Analyte	1Q94	2Q94	3Q94	4Q94	DF	Mod	Unit	Lab	Flag
		trans-1,3-Dichloropropene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Endrin	<0.11	<0.11	<0.11	<0.10	1.03		µg/L	WA	0
		Ethylbenzene	1.2	2.5	3.7	16	1		µg/L	WA	0
		Fluoride	<100	<100	<100	<100	1		µg/L	WA	0
■		Gross alpha	5.2E+00	9.1E+00	3.4E+00	3.3E+01	1		pCi/L	GP	2
		2-Hexanone	<10	<10	<10	<10	1		µg/L	WA	0
		Iodomethane (Methyl iodide)	<10	<10	<10	<10	1		µg/L	WA	0
		Iron, total recoverable	1,630	739	1,570	730	1		µg/L	WA	2
		Isobutyl alcohol	<20	<20	<20	<20	1		µg/L	WA	0
		Lead, total recoverable	<3.0	<3.0	<3.0	<3.0	1		µg/L	WA	0
		Lindane	<0.055	<0.055	<0.052	<0.052	1.03		µg/L	WA	0
		Magnesium, total recoverable	1,000	1,240	3,020	20,300	1		µg/L	WA	0
		Manganese, total recoverable	<2.0	<2.0	<2.0	2.9	1		µg/L	WA	0
		Mercury, total recoverable	<0.20	<0.20	<0.20	<0.20	1		µg/L	WA	0
		Methacrylonitrile	<20	<20	<20	<20	1		µg/L	WA	0
		Methoxychlor	<0.55	<0.55	<0.53	<0.52	1.03		µg/L	WA	0
		Methyl ethyl ketone	<10	<10	<10	<10	1		µg/L	WA	0
		Methyl isobutyl ketone	<10	<10	2.2	<10	1		µg/L	WA	0
		Nickel, total recoverable	<4.0	<4.0	<4.0	<4.0	1		µg/L	WA	0
		Nitrate as nitrogen	68	36	48	69	1		µg/L	WA	0
•		Nonvolatile beta	2.2E+01	7.1E+00	5.4E+00	7.7E+00	1		pCi/L	GP	0
		pH	5.0	5.5	4.7	5.5	1	J	pH	WA	0
		Phenols	5.3	8.6	<5.0	9.0	1		µg/L	WA	0
		Potassium, total recoverable	<500	593	723	646	1		µg/L	WA	0
		Propionitrile	<50	<50	<50	<50	1		µg/L	WA	0
		Radium, total alpha-emitting				6.8E+00	1		pCi/L	GP	0
		Radium-226	2.7E+00	2.9E+00	3.1E+00				pCi/L		
		Radium-228	2.8E+00	2.5E+00	2.8E+00				pCi/L		
		Selenium, total recoverable	2.5	<2.0	2.3	<2.0	1		µg/L	WA	0
		Silica, total recoverable	13,000	12,800	13,800	12,700	2.1		µg/L	WA	0
		Silver, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Sodium, total recoverable	16,000	14,900	13,700	17,400	1		µg/L	WA	0
		Specific conductance	82	92	117	325	1		µS/cm	WA	1
		Styrene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Sulfate	<1,000	<1,000	7,200	75,200	25		µg/L	WA	0
		1,1,1,2-Tetrachloroethane	<10	<10	<10	<10	1		µg/L	WA	0
		1,1,2,2-Tetrachloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
■		Tetrachloroethylene	6.2	5.4	7.2	9.6	1		µg/L	WA	2
		Toluene	<5.0	<5.0	1.2	2.9	1	J	µg/L	WA	0
		Total dissolved solids	67,000	62,000	116,000	180,000	1		µg/L	WA	0
		Total organic carbon	4,550	11,300	4,100	5,200	1		µg/L	WA	1
		Total organic halogens	1,310	1,300	1,160	1,600	10		µg/L	WA	2
		Total phosphates (as P)	105	<50	<50	56	1		µg/L	WA	0
		Total suspended solids	<1,000	<1,000	<1,000	<1,000	1		µg/L	GE	0
		Toxaphene	<1.1	<1.1	<1.1	<1.0	1.03		µg/L	WA	0
		2,4,5-TP (Silvex)	<0.53	<0.55	<0.55	<0.54	1.08		µg/L	WA	0
		1,1,1-Trichloroethane	28	17	19	21	1		µg/L	WA	0
		1,1,2-Trichloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
■		Trichloroethylene	24	22	28	26	1		µg/L	WA	2
		Trichlorofluoromethane	82	41	40	32	1		µg/L	WA	2
		1,2,3-Trichloropropane	<10	<10	<10	<10	1		µg/L	WA	0
		Tritium	5.5E+00	2.5E+01	4.7E+00	1.1E+01	1		pCi/mL	GP	1
		Vanadium, total recoverable	<3.0	<3.0	<3.0	<3.0	1		µg/L	WA	0
		Vinyl acetate	<10	<10	<10	<10	1		µg/L	WA	0
		Xylenes	149	117	110	88	1		µg/L	WA	0

Note: Flagging, dilution factors, modifiers, and laboratories are for fourth quarter 1994 data only. See Appendix B for flagging criteria.

• = exceeded holding time for fourth quarter 1994.

■ = exceeded screening level or final PDWS for fourth quarter 1994.

WELL LFW 40

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

SAMPLE DATE	12/15/93	03/21/94	06/09/94	09/07/94
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FIELD DATA

Analyte	1Q94	2Q94	3Q94	4Q94	Unit
Water elevation	142.8	144.3	142.8	142.6	ft msl
Depth to water	28.2	26.7	28.2	28.4	ft
pH	6.4	6.2	6.3	6.4	pH
Sp. conductance	357	559	345	535	µS/cm
Water temperature	19.2	19.9	19.5	19.2	°C
Alkalinity as CaCO ₃	127	128	165	171	mg/L
Turbidity	0	0	0	0	NTU
Volume purged	27.9	23.7	12.2	29.1	well vol.
Sampling code					

ANALYTICAL DATA

H	ST	Analyte	1Q94	2Q94	3Q94	4Q94	DF	Mod	Unit	Lab	Flag
		Acetone	266	885	79	566	10		µg/L	WA	1
		Acetonitrile (Methyl cyanide)	<200	<20	<20	<20	1		µg/L	WA	0
		Acrolein	<100	<10	<10	<10	1		µg/L	WA	0
		Acrylonitrile	<100	<10	<10	<10	1		µg/L	WA	0
		Allyl chloride	<1,000	<20	<20	<20	1		µg/L	WA	0
		Aluminum, total recoverable	<20	<20	<20	33	1		µg/L	WA	1
		Arsenic, total recoverable	27	29	25	22	1		µg/L	WA	0
		Barium, total recoverable	9.2	13	5.6	9.0	1		µg/L	WA	0
		Benzene	<50	3.3	1.1	4.3	1	J	µg/L	WA	1
		Bromodichloromethane	<50	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Bromoform	<50	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Bromomethane (Methyl bromide)	<100	<10	<10	<10	1		µg/L	WA	0
		Cadmium, total recoverable	<2.0	<10	<2.0	<2.0	1		µg/L	WA	0
		Calcium, total recoverable	9,390	9,150	5,950	13,800	1		µg/L	WA	0
		Carbon disulfide	<50	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Carbon tetrachloride	<50	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Chloride	13,700	24,900	8,410	23,500	5		µg/L	WA	0
		Chlorobenzene	<50	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Chloroethane	<100	<10	8.6	<10	1		µg/L	WA	0
		Chloroethene (Vinyl chloride)	<100	<10	<10	<10	1		µg/L	WA	0
		Chloroform	<50	1.0	1.0	<5.0	1		µg/L	WA	0
		Chloromethane (Methyl chloride)	<100	<10	<10	<10	1		µg/L	WA	0
		Chloroprene	<200	<100	<100	<100	1		µg/L	WA	0
		Chromium, total recoverable	<4.0	<4.0	<4.0	<4.0	1		µg/L	WA	0
		Copper, total recoverable	13	<4.0	6.9	7.3	1		µg/L	WA	0
		Dibromochloromethane	<50	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,2-Dibromo-3-chloropropane	<200	<20	<20	<20	1		µg/L	WA	0
		1,2-Dibromoethane	<200	<20	<20	<20	1		µg/L	WA	0
		Dibromomethane	<100	<10	<10	<10	1		µg/L	WA	0
		trans-1,4-Dichloro-2-butene	<1,000	<100	<100	<100	1		µg/L	WA	0
		Dichlorodifluoromethane	49	<10	58	60	1		µg/L	WA	2
		1,1-Dichloroethane	49	89	70	95	1		µg/L	WA	2
		1,2-Dichloroethane	<50	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,1-Dichloroethylene	<50	5.7	4.2	5.0	1		µg/L	WA	1
		trans-1,2-Dichloroethylene	<50	<5.0	<5.0	<5.0	1		µg/L	WA	0
■		Dichloromethane	140	184	188	379	10		µg/L	WA	2
		2,4-Dichlorophenoxyacetic acid	<1.1	<1.1	<1.2	<1.1	1.06		µg/L	WA	0
		1,2-Dichloropropane	<50	4.5	2.7	3.3	1	J	µg/L	WA	1
		cis-1,3-Dichloropropene	<50	<5.0	<5.0	<5.0	1		µg/L	WA	0

Note: Flagging, dilution factors, modifiers, and laboratories are for fourth quarter 1994 data only. See Appendix B for flagging criteria.

● = exceeded holding time for fourth quarter 1994.

■ = exceeded screening level or final PDWS for fourth quarter 1994.

Well LFW 40 continued

ANALYTICAL DATA

H	ST	Analyte	1Q94	2Q94	3Q94	4Q94	DF	Mod	Unit	Lab	Flag
		trans-1,3-Dichloropropene	<50	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Endrin	<0.11	<0.11		<0.10	1.04		µg/L	WA	0
		Ethylbenzene	31	72	14	70	1		µg/L	WA	0
		Fluoride	118	106	<100	109	1		µg/L	WA	0
		Gross alpha	1.1E+01	1.0E+01	3.5E+00	1.1E+01	1		pCi/L	GP	1
		2-Hexanone	<100	2.8	<10	1.6	1	J	µg/L	WA	0
		Iodomethane (Methyl iodide)	<100	<10	<10	<10	1		µg/L	WA	0
		Iron, total recoverable	76,100	101,000	68,800	129,000	5		µg/L	WA	2
		Isobutyl alcohol	<200	<20	<20	<20	1		µg/L	WA	0
		Lead, total recoverable	<3.0	<3.0	<3.0	<3.0	1		µg/L	WA	0
		Lindane	<0.055	<0.054		<0.052	1.04		µg/L	WA	0
		Magnesium, total recoverable	8,470	13,300	7,240	13,200	1		µg/L	WA	0
		Manganese, total recoverable	25	20	15	39	1		µg/L	WA	1
		Mercury, total recoverable	<0.20	<0.20	<0.20	<0.20	1		µg/L	WA	0
		Methacrylonitrile	<200	<20	<20	<20	1		µg/L	WA	0
		Methoxychlor	<0.55	<0.54	<0.52	<0.52	1.04		µg/L	WA	0
		Methyl ethyl ketone	451	1,940	117	1,100	10		µg/L	WA	0
		Methyl isobutyl ketone	978	2,470	158	1,090	10		µg/L	WA	0
		Nickel, total recoverable	10	<4.0	<4.0	<4.0	1		µg/L	WA	0
		Nitrate as nitrogen	<20	<20	<20	<20	1		µg/L	WA	0
		Nonvolatile beta	3.2E+01	5.8E+00	<8.0E-01	3.1E+00	1	J	pCi/L	GP	0
•		pH	6.1	6.4	5.6	5.7	1	J	pH	WA	0
		Phenols	112	136	48	177	1		µg/L	WA	2
		Potassium, total recoverable	<500	<500	<500	<500	1		µg/L	WA	0
		Propionitrile	<500	<50	<50	<50	1		µg/L	WA	0
		Radium, total alpha-emitting				3.2E+00	1		pCi/L	GP	0
		Radium-226	3.2E+00	2.1E+00	5.1E-01				pCi/L		
		Radium-228	2.1E+00	2.7E+00	6.4E+00				pCi/L		
		Selenium, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Silica, total recoverable	5,240	6,580	5,340	5,390	2.1		µg/L	WA	0
		Silver, total recoverable	<2.0	<10	2.2	4.7	1		µg/L	WA	0
		Sodium, total recoverable	11,900	17,600	13,500	17,500	1		µg/L	WA	0
		Specific conductance	238	354	179	358	1		µS/cm	WA	1
		Styrene	<50	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Sulfate	1,030	<1,000	<1,000	<1,000	1		µg/L	WA	0
		1,1,1,2-Tetrachloroethane	<100	<10	<10	<10	1		µg/L	WA	0
		1,1,2,2-Tetrachloroethane	<50	<5.0	<5.0	<5.0	1		µg/L	WA	0
■		Tetrachloroethylene	<50	13	9.4	17	1		µg/L	WA	2
		Toluene	<50	44	8.3	92	1		µg/L	WA	0
		Total dissolved solids	167,000	256,000	175,000	261,000	1		µg/L	WA	0
		Total organic carbon	45,500	61,900	29,400	106,000	10		µg/L	WA	2
		Total organic halogens	887	590	408	614	6.66		µg/L	WA	2
		Total phosphates (as P)	110	<50	<50	183	1		µg/L	WA	0
		Total suspended solids	39,000	65,000	74,000	106,000	1		µg/L	GE	0
		Toxaphene	<1.1	<1.1		<1.0	1.04		µg/L	WA	0
		2,4,5-TP (Silvex)	<0.56	<0.56	<0.58	<0.53	1.06		µg/L	WA	0
		1,1,1-Trichloroethane	18	38	36	29	1		µg/L	WA	0
		1,1,2-Trichloroethane	<50	<5.0	<5.0	<5.0	1		µg/L	WA	0
■		Trichloroethylene	15	33	29	35	1		µg/L	WA	2
		Trichlorofluoromethane	36	67	93	86	1		µg/L	WA	2
		1,2,3-Trichloropropane	<100	<10	<10	<10	1		µg/L	WA	0
		Tritium	6.2E+00	4.3E+00	4.5E+00	4.8E+00	1		pCi/mL	GP	0
		Vanadium, total recoverable	<3.0	<3.0	<3.0	<15	5		µg/L	WA	0
		Vinyl acetate	<100	<10	<10	<10	1		µg/L	WA	0
		Xylenes	183	435	67	322	1		µg/L	WA	0

Note: Flagging, dilution factors, modifiers, and laboratories are for fourth quarter 1994 data only. See Appendix B for flagging criteria.

• = exceeded holding time for fourth quarter 1994.

■ = exceeded screening level or final PDWS for fourth quarter 1994.

WELL LFW 41

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

SAMPLE DATE	12/15/93	03/21/94	06/09/94	09/07/94
FIELD DATA				

Analyte	1Q94	2Q94	3Q94	4Q94	Unit
Water elevation	143.7	146.0	143.9	143.6	ft msl
Depth to water	26.9	24.5	26.6	26.9	ft
pH	5.2	5.0	4.7	5.0	pH
Sp. conductance	13	17	16	16	µS/cm
Water temperature	19.0	19.7	19.0	18.9	°C
Alkalinity as CaCO ₃	1	0	1	0	mg/L
Turbidity	1	1	0	1	NTU
Volume purged	19.4	3.5	11.2	16.2	well vol.
Sampling code					

ANALYTICAL DATA

H	ST	Analyte	1Q94	2Q94	3Q94	4Q94	DF	Mod	Unit	Lab	Flag
		Acetone	<10	<50	<11	<10	1		µg/L	WA	0
		Acetonitrile (Methyl cyanide)	<20	<20	<20	<20	1		µg/L	WA	0
		Acrolein	<10	<10	<10	<10	1		µg/L	WA	0
		Acrylonitrile	<10	<10	<10	<10	1		µg/L	WA	0
		Allyl chloride	<100	<20	<20	<20	1		µg/L	WA	0
		Aluminum, total recoverable	<20	<20	<20	<20	1		µg/L	WA	0
		Arsenic, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Barium, total recoverable	<4.0	<4.0	<4.0	<4.0	1		µg/L	WA	0
		Benzene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Bromodichloromethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Bromoform	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Bromomethane (Methyl bromide)	<10	<10	<10	<10	1		µg/L	WA	0
		Cadmium, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Calcium, total recoverable	171	214	203	158	1		µg/L	WA	0
		Carbon disulfide	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Carbon tetrachloride	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Chloride	1,500	1,460	1,450	1,620	1		µg/L	WA	0
		Chlorobenzene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Chloroethane	<10	<10	<10	<10	1		µg/L	WA	0
		Chloroethene (Vinyl chloride)	<10	<10	<10	<10	1		µg/L	WA	0
		Chloroform	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Chloromethane (Methyl chloride)	<10	<10	<10	<10	1		µg/L	WA	0
		Chloroprene	<20	<100	<100	<100	1		µg/L	WA	0
		Chromium, total recoverable	<4.0	<4.0	<4.0	<4.0	1		µg/L	WA	0
		Copper, total recoverable	<4.0	<4.0	<4.0	<4.0	1		µg/L	WA	0
		Dibromochloromethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,2-Dibromo-3-chloropropane	<20	<20	<20	<20	1		µg/L	WA	0
		1,2-Dibromoethane	<20	<20	<20	<20	1		µg/L	WA	0
		Dibromomethane	<10	<10	<10	<10	1		µg/L	WA	0
		trans-1,4-Dichloro-2-butene	<100	<100	<100	<100	1		µg/L	WA	0
		Dichlorodifluoromethane	9.1	8.1	6.8	9.4	1	J	µg/L	WA	1
		1,1-Dichloroethane	1.4	3.3	2.1	1.7	1	J	µg/L	WA	0
		1,2-Dichloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,1-Dichloroethylene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		trans-1,2-Dichloroethylene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Dichloromethane	<5.0	<4.2	<21	<50	1	J	µg/L	WA	0
		2,4-Dichlorophenoxyacetic acid	<1.1	<1.1	<1.1	<1.1	1.06		µg/L	WA	0
		1,2-Dichloropropane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		cis-1,3-Dichloropropene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0

Note: Flagging, dilution factors, modifiers, and laboratories are for fourth quarter 1994 data only. See Appendix B for flagging criteria.

● = exceeded holding time for fourth quarter 1994.

■ = exceeded screening level or final PDWS for fourth quarter 1994.

Well LFW 41 continued

ANALYTICAL DATA

H	ST	Analyte	1Q94	2Q94	3Q94	4Q94	DF	Mod	Unit	Lab	Flag
		trans-1,3-Dichloropropene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Endrin	<0.11	<0.11	<0.11	<0.10	1.04		µg/L	WA	0
		Ethylbenzene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Fluoride	<100	<100	<100	<100	1		µg/L	WA	0
		Gross alpha	3.1E+00	1.1E+00	1.3E+00	1.6E+00	1	J	pCi/L	GP	0
		2-Hexanone	<10	<10	<10	<10	1		µg/L	WA	0
		Iodomethane (Methyl iodide)	<10	<10	<10	<10	1		µg/L	WA	0
		Iron, total recoverable	24	<65	73	19	1		µg/L	WA	0
		Isobutyl alcohol	<20	<20	<20	<20	1		µg/L	WA	0
		Lead, total recoverable	<3.0	<3.0	3.1	<3.0	1		µg/L	WA	0
		Lindane	<0.055	<0.056	<0.055	<0.052	1.04		µg/L	WA	0
		Magnesium, total recoverable	243	282	272	227	1		µg/L	WA	0
		Manganese, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Mercury, total recoverable	<0.20	<0.20	<0.20	<0.20	1		µg/L	WA	0
		Methacrylonitrile	<20	<20	<20	<20	1		µg/L	WA	0
		Methoxychlor	<0.55	<0.56	<0.55	<0.52	1.04		µg/L	WA	0
		Methyl ethyl ketone	<10	<10	<10	<10	1		µg/L	WA	0
		Methyl isobutyl ketone	<10	<10	<10	<10	1		µg/L	WA	0
		Nickel, total recoverable	<4.0	<4.0	<4.0	<26	1	J	µg/L	WA	0
		Nitrate as nitrogen	53	54	52	52	1		µg/L	WA	0
		Nonvolatile beta	1.8E+01	2.8E+00	2.7E+00	1.0E+00	1	UI	pCi/L	GP	0
●		pH	5.6	5.9	5.1	5.3	1	J	pH	WA	0
		Phenols	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Potassium, total recoverable	<500	<500	<500	<500	1		µg/L	WA	0
		Propionitrile	<50	<50	<50	<50	1		µg/L	WA	0
		Radium, total alpha-emitting				1.6E+00	1	J	pCi/L	GP	0
		Radium-226	4.1E-01	3.8E-01	9.6E-01				pCi/L		
		Radium-228	3.0E+00	1.4E+00	7.2E+00				pCi/L		
		Selenium, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Silica, total recoverable	6,610	7,050	6,280	8,520	2.1		µg/L	WA	0
		Silver, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Sodium, total recoverable	1,350	1,500	1,500	1,360	1		µg/L	WA	0
		Specific conductance	10.0	13	14	12	1		µS/cm	WA	0
		Styrene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Sulfate	<1,000	<1,000	<1,000	<1,000	1		µg/L	WA	0
		1,1,1,2-Tetrachloroethane	<10	<10	<10	<10	1		µg/L	WA	0
		1,1,2,2-Tetrachloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Tetrachloroethylene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Toluene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Total dissolved solids	16,000	15,000	48,000	15,000	1		µg/L	WA	0
		Total organic carbon	<1,000	<1,000	<1,000	<1,000	1		µg/L	WA	0
		Total organic halogens	24	54	31	48	2		µg/L	WA	1
		Total phosphates (as P)	96	<50	<50	312	1		µg/L	WA	0
		Total suspended solids	<1,000	<1,000	<1,000	<1,000	1		µg/L	GE	0
		Toxaphene	<1.1	<1.1	<1.1	<1.0	1.04		µg/L	WA	0
		2,4,5-TP (Silvex)	<0.54	<0.56	<0.55	<0.53	1.06		µg/L	WA	0
		1,1,1-Trichloroethane	2.2	5.6	3.5	3.7	1	J	µg/L	WA	0
		1,1,2-Trichloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Trichloroethylene	<5.0	2.2	1.5	1.1	1	J	µg/L	WA	0
		Trichlorofluoromethane	10	19	14	17	1		µg/L	WA	2
		1,2,3-Trichloropropane	<10	<10	<10	<10	1		µg/L	WA	0
		Tritium	2.5E+00	1.4E+00	1.4E+00	2.9E+00	1		pCi/mL	GP	0
		Vanadium, total recoverable	<3.0	<3.0	<3.0	<3.0	1		µg/L	WA	0
		Vinyl acetate	<10	<10	<10	<10	1		µg/L	WA	0
		Xylenes	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0

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● = exceeded holding time for fourth quarter 1994.

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WELL LFW 42

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

SAMPLE DATE	12/15/93	03/21/94	06/08/94	09/07/94
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FIELD DATA

Analyte	1Q94	2Q94	3Q94	4Q94	Unit
Water elevation	146.4	148.0	146.4	146.1	ft msl
Depth to water	23.8	22.1	23.7	24.1	ft
pH	5.2	4.9	4.7	4.9	pH
Sp. conductance	16	20	18	19	µS/cm
Water temperature	19.0	18.5	18.9	19.0	°C
Alkalinity as CaCO ₃	1	0	1	0	mg/L
Turbidity	0	0	0	0	NTU
Volume purged	20.5	17.7	6.2	17.4	well vol.
Sampling code					

ANALYTICAL DATA

H	ST	Analyte	1Q94	2Q94	3Q94	4Q94	DF	Mod	Unit	Lab	Flag
		Acetone	<10	<10	<10	<10	1		µg/L	WA	0
		Acetonitrile (Methyl cyanide)	<20	<20	<20	<20	1		µg/L	WA	0
		Acrolein	<10	<10	<10	<10	1		µg/L	WA	0
		Acrylonitrile	<10	<10	<10	<10	1		µg/L	WA	0
		Allyl chloride	<100	<20	<20	<20	1		µg/L	WA	0
		Aluminum, total recoverable	<20	<20	<20	<20	1		µg/L	WA	0
		Arsenic, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Barium, total recoverable	<4.0	<4.0	<4.0	<4.0	1		µg/L	WA	0
		Benzene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Bromodichloromethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Bromoform	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Bromomethane (Methyl bromide)	<10	<10	<10	<10	1		µg/L	WA	0
		Cadmium, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Calcium, total recoverable	248	296	292	279	1		µg/L	WA	0
		Carbon disulfide	1.9	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Carbon tetrachloride	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Chloride	1,740	2,070	2,190	2,050	1		µg/L	WA	0
		Chlorobenzene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Chloroethane	<10	<10	<10	<10	1		µg/L	WA	0
		Chloroethene (Vinyl chloride)	<10	<10	<10	<10	1		µg/L	WA	0
		Chloroform	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Chloromethane (Methyl chloride)	<10	<10	<10	9.6	1	J	µg/L	WA	1
		Chloroprene	<20	<100	<100	<100	1		µg/L	WA	0
		Chromium, total recoverable	<4.0	<4.0	<4.0	<4.0	1		µg/L	WA	0
		Copper, total recoverable	<4.0	<4.0	<4.0	<4.0	1		µg/L	WA	0
		Dibromochloromethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,2-Dibromo-3-chloropropane	<20	<20	<20	<20	1		µg/L	WA	0
		1,2-Dibromoethane	<20	<20	<20	<20	1		µg/L	WA	0
		Dibromomethane	<10	<10	<10	<10	1		µg/L	WA	0
		trans-1,4-Dichloro-2-butene	<100	<100	<100	<100	1		µg/L	WA	0
		Dichlorodifluoromethane	1.9	1.3	2.8	3.5	1	J	µg/L	WA	0
		1,1-Dichloroethane	<5.0	1.9	<5.0	2.4	1	J	µg/L	WA	0
		1,2-Dichloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,1-Dichloroethylene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		trans-1,2-Dichloroethylene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Dichloromethane	<5.0	<2.7	<5.0	<5.0	1		µg/L	WA	0
		2,4-Dichlorophenoxyacetic acid	<1.1	<1.1	<1.1	<1.1	1.09		µg/L	WA	0
		1,2-Dichloropropane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		cis-1,3-Dichloropropene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0

Note: Flagging, dilution factors, modifiers, and laboratories are for fourth quarter 1994 data only. See Appendix B for flagging criteria.

- = exceeded holding time for fourth quarter 1994.
- = exceeded screening level or final PDWS for fourth quarter 1994.

Well LFW 42 continued

ANALYTICAL DATA

H	ST	Analyte	1Q94	2Q94	3Q94	4Q94	DF	Mod	Unit	Lab	Flag
		trans-1,3-Dichloropropene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Endrin	<0.11	<0.11	<0.10	<0.10	1.03		µg/L	WA	0
		Ethylbenzene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Fluoride	<100	<100	<100	<100	1		µg/L	WA	0
		Gross alpha	4.3E+00	4.8E+00	8.7E+00	3.3E+00	1	J	pCi/L	GP	0
		2-Hexanone	<10	<10	<10	<10	1		µg/L	WA	0
		Iodomethane (Methyl iodide)	<10	<10	<10	<10	1		µg/L	WA	0
		Iron, total recoverable	11	<65	<24	4.8	1		µg/L	WA	0
		Isobutyl alcohol	<20	<20	<20	<20	1		µg/L	WA	0
		Lead, total recoverable	<3.0	<3.0	<3.0	<3.0	1		µg/L	WA	0
		Lindane	<0.055	<0.054	<0.052	<0.052	1.03		µg/L	WA	0
		Magnesium, total recoverable	327	355	344	336	1		µg/L	WA	0
		Manganese, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Mercury, total recoverable	<0.20	<0.20	<0.20	<0.20	1		µg/L	WA	0
		Methacrylonitrile	<20	<20	<20	<20	1		µg/L	WA	0
		Methoxychlor	<0.55	<0.54	<0.52	<0.52	1.03		µg/L	WA	0
		Methyl ethyl ketone	<10	<10	<10	<10	1		µg/L	WA	0
		Methyl isobutyl ketone	<10	<10	<10	<10	1		µg/L	WA	0
		Nickel, total recoverable	<4.0	<4.0	<4.0	<4.0	1		µg/L	WA	0
		Nitrate as nitrogen	80	148	96	132	1		µg/L	WA	0
		Nonvolatile beta	1.5E+01	5.2E+00	6.0E+00	2.9E+00	1	J	pCi/L	GP	0
•		pH	5.3	5.8	5.0	5.2	1	J	pH	WA	0
		Phenols	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Potassium, total recoverable	<500	<500	<500	<500	1		µg/L	WA	0
		Propionitrile	<50	<50	<50	<50	1		µg/L	WA	0
		Radium, total alpha-emitting				5.4E+00	1		pCi/L	GP	0
		Radium-226	1.1E+00	9.3E-01	1.2E+00				pCi/L		
		Radium-228	1.8E+00	1.5E+00	7.0E-01				pCi/L		
		Selenium, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Silica, total recoverable	6,960	6,880	6,770	7,230	2.1		µg/L	WA	0
		Silver, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Sodium, total recoverable	1,520	1,540	1,550	1,460	1		µg/L	WA	0
		Specific conductance	12	14	15	15	1		µS/cm	WA	0
		Styrene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Sulfate	<1,000	<1,000	<1,000	<1,000	1		µg/L	WA	0
		1,1,1,2-Tetrachloroethane	<10	<10	<10	<10	1		µg/L	WA	0
		1,1,2,2-Tetrachloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Tetrachloroethylene	<5.0	2.5	<5.0	3.5	1	J	µg/L	WA	1
		Toluene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Total dissolved solids	26,000	16,000	110,000	13,000	1		µg/L	WA	0
		Total organic carbon	<1,000	<1,000	<1,000	<1,000	1		µg/L	WA	0
		Total organic halogens	27	44	19	44	2		µg/L	WA	1
		Total phosphates (as P)	86	<50	<50	113	1		µg/L	WA	0
		Total suspended solids	<1,000	<1,000	<1,000	<1,000	1		µg/L	GE	0
		Toxaphene	<1.1	<1.1	<1.0	<1.0	1.03		µg/L	WA	0
		2,4,5-TP (Silvex)	<0.55	<0.55	<0.55	<0.55	1.09		µg/L	WA	0
		1,1,1-Trichloroethane	4.6	11	5.9	18	1		µg/L	WA	0
		1,1,2-Trichloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Trichloroethylene	<5.0	1.2	<5.0	1.1	1	J	µg/L	WA	0
		Trichlorofluoromethane	9.0	19	18	36	1		µg/L	WA	2
		1,2,3-Trichloropropane	<10	<10	<10	<10	1		µg/L	WA	0
		Tritium	2.4E+00	2.0E+00	2.6E+00	2.6E+00	1		pCi/mL	GP	0
		Vanadium, total recoverable	<3.0	<3.0	<3.0	<3.0	1		µg/L	WA	0
		Vinyl acetate	<10	<10	<10	<10	1		µg/L	WA	0
		Xylenes	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0

Note: Flagging, dilution factors, modifiers, and laboratories are for fourth quarter 1994 data only. See Appendix B for flagging criteria.

• = exceeded holding time for fourth quarter 1994.

■ = exceeded screening level or final PDWS for fourth quarter 1994.

WELL LFW 43B

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

SAMPLE DATE	12/12/93	03/29/94	06/03/94	09/16/94
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FIELD DATA

Analyte	1Q94	2Q94	3Q94	4Q94	Unit
Water elevation	166.1	166.3	165.7	164.9	ft msl
Depth to water	37.0	36.7	37.3	38.1	ft
pH	5.5	5.3	5.5	5.3	pH
Sp. conductance	23	21	23	22	µS/cm
Water temperature	18.6	18.7	19.0	18.9	°C
Alkalinity as CaCO ₃	3	2	1	2	mg/L
Turbidity	5	7	6	5	NTU
Volume purged	9.7	6.6	6.7	5.5	well vol.
Sampling code					

ANALYTICAL DATA

H	ST	Analyte	1Q94	2Q94	3Q94	4Q94	DF	Mod	Unit	Lab	Flag
		Acetone	<10	<10	<10	<10	1		µg/L	WA	0
		Acetonitrile (Methyl cyanide)	<20	<20	<5.0	<20	1		µg/L	WA	0
		Acrolein	<10	<10	<10	<10	1		µg/L	WA	0
		Acrylonitrile	<10	<10	<10	<10	1		µg/L	WA	0
		Allyl chloride	<100	<20	<20	<20	1		µg/L	WA	0
		Aluminum, total recoverable	100	99	193	56	1		µg/L	WA	2
		Arsenic, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Barium, total recoverable	7.0	6.3	5.8	4.7	1		µg/L	WA	0
		Benzene	<5.0	<5.0	<1.0	<5.0	1		µg/L	WA	0
		Bis(2-chloroisopropyl) ether			<10				µg/L		
		Bromodichloromethane	<5.0	<5.0	<1.0	<5.0	1		µg/L	WA	0
		Bromoform	<5.0	<5.0	<1.0	<5.0	1		µg/L	WA	0
		Bromomethane (Methyl bromide)	<10	<10	<1.0	<10	1		µg/L	WA	0
		Cadmium, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Calcium, total recoverable	1,380	1,220	1,240	1,070	1		µg/L	WA	0
		Carbon disulfide	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Carbon tetrachloride	<5.0	<5.0	<1.0	<5.0	1		µg/L	WA	0
		Chloride	1,440	1,300	1,790	1,520	1		µg/L	WA	0
		Chlorobenzene	<5.0	<5.0	<1.0	<5.0	1		µg/L	WA	0
		Chloroethane	<10	<10	<1.0	<10	1		µg/L	WA	0
		Chloroethene (Vinyl chloride)	<10	<10	<1.0	<10	1		µg/L	WA	0
		Chloroform	<5.0	<5.0	<1.0	<5.0	1		µg/L	WA	0
		Chloromethane (Methyl chloride)	<10	1.2	<1.0	7.8	1	J	µg/L	WA	1
		Chloroprene	<20	<100	<100	<100	1		µg/L	WA	0
		Chromium, total recoverable	<4.0	<4.0	<4.0	<4.0	1		µg/L	WA	0
		Copper, total recoverable	<4.0	<4.0	<4.0	<4.0	1		µg/L	WA	0
		Dibromochloromethane	<5.0	<5.0	<1.0	<5.0	1		µg/L	WA	0
		1,2-Dibromo-3-chloropropane	<20	<20	<5.0	<20	1		µg/L	WA	0
		1,2-Dibromoethane	<20	<20	<20	<20	1		µg/L	WA	0
		Dibromomethane	<10	<10	<1.0	<10	1		µg/L	WA	0
		trans-1,4-Dichloro-2-butene	<100	<100	<30	<100	1		µg/L	WA	0
		Dichlorodifluoromethane	<10	<10	<1.0	<10	1		µg/L	WA	0
		1,1-Dichloroethane	<5.0	<5.0	<1.0	<5.0	1		µg/L	WA	0
		1,2-Dichloroethane	<5.0	<5.0	<1.0	<5.0	1		µg/L	WA	0
		1,1-Dichloroethylene	<5.0	<5.0	<1.0	<5.0	1		µg/L	WA	0
		trans-1,2-Dichloroethylene	<5.0	<5.0	<1.0	<5.0	1		µg/L	WA	0
		Dichloromethane	<5.0	<60	<1.0	<5.0	1		µg/L	WA	0
		2,4-Dichlorophenoxyacetic acid	<1.1	<1.1	<0.0015	<1.1	1.09		µg/L	WA	0
		1,2-Dichloropropane	<5.0	<5.0	<1.0	<5.0	1		µg/L	WA	0

Note: Flagging, dilution factors, modifiers, and laboratories are for fourth quarter 1994 data only. See Appendix B for flagging criteria.

● = exceeded holding time for fourth quarter 1994.

■ = exceeded screening level or final PDWS for fourth quarter 1994.

Well LFW 43B continued

ANALYTICAL DATA

H	ST	Analyte	1Q94	2Q94	3Q94	4Q94	DF	Mod	Unit	Lab	Flag
		cis-1,3-Dichloropropene	<5.0	<5.0	<1.0	<5.0	1		µg/L	WA	0
		trans-1,3-Dichloropropene	<5.0	<5.0	<1.0	<5.0	1		µg/L	WA	0
		Endrin	<0.11	<0.10	<0.0059	<0.11	1.05		µg/L	WA	0
		Ethylbenzene	<5.0	<5.0	<1.0	<5.0	1		µg/L	WA	0
		Fluoride	<100	<100	<100	<100	1		µg/L	WA	0
		Gross alpha	5.6E+00		5.6E+00	2.2E+00	1	J	pCi/L	GP	0
		2-Hexanone	<10	<10	<10	<10	1		µg/L	WA	0
		Iodomethane (Methyl iodide)	<10	<10	<10	<10	1		µg/L	WA	0
		Iron, total recoverable	121	177	126	83	1		µg/L	WA	0
		Isobutyl alcohol	<20	<20	<20	<20	1		µg/L	WA	0
		Lead, total recoverable	<3.0	<3.0	<3.0	5.2	1		µg/L	WA	0
		Lindane	<0.052	<0.052	<0.0050	<0.052	1.05		µg/L	WA	0
		Magnesium, total recoverable	295	290	335	292	1		µg/L	WA	0
		Manganese, total recoverable	8.3	7.7	8.3	5.5	1		µg/L	WA	0
		Mercury, total recoverable	<0.20	<0.20	<0.20	<0.20	1		µg/L	WA	0
		Methacrylonitrile	<20	<20	<20	<20	1		µg/L	WA	0
		Methoxychlor	<0.53	<0.52	<0.50	<0.53	1.05		µg/L	WA	0
		Methyl ethyl ketone	<10	<10	<1.0	<10	1		µg/L	WA	0
		Methyl isobutyl ketone	<10	<10	<10	<10	1		µg/L	WA	0
		Nickel, total recoverable	<4.0	<4.0	<4.0	<4.0	1		µg/L	WA	0
		Nitrate as nitrogen	1,040	887	681	768	1		µg/L	WA	0
		Nitrate-nitrite as nitrogen			900				µg/L		
		Nonvolatile beta	7.0E+00		3.1E+00	6.3E-01	1	UI	pCi/L	GP	0
•		pH	6.6	5.5	5.8	5.5	1	J	pH	WA	0
		Phenols	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Potassium, total recoverable	<500	<500	<500	<500	1		µg/L	WA	0
		Propionitrile	<50	<50	<50	<50	1		µg/L	WA	0
		Radium, total alpha-emitting			1.4E+00	1.9E+00	1		pCi/L	GP	0
		Radium-226	1.7E+00		1.8E+00				pCi/L		
		Radium-228	1.4E+00		1.4E+00				pCi/L		
		Selenium, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Silica, total recoverable	31,200	7,580	9,120	8,180	2.1		µg/L	WA	0
		Silver, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Sodium, total recoverable	1,400	1,380	1,500	1,340	1		µg/L	WA	0
		Specific conductance	17	16	18	18	1		µS/cm	WA	0
		Styrene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Sulfate	<1,000	<1,000	2,130	<1,000	1		µg/L	WA	0
		1,1,1,2-Tetrachloroethane	<10	<10	<1.0	<10	1		µg/L	WA	0
		1,1,2,2-Tetrachloroethane	<5.0	<5.0	<1.0	<5.0	1		µg/L	WA	0
		Tetrachloroethylene	<5.0	<5.0	<1.0	<5.0	1		µg/L	WA	0
		Toluene	<5.0	<5.0	<1.0	<5.0	1		µg/L	WA	0
		Total dissolved solids	29,000	19,000	28,000	25,000	1		µg/L	WA	0
		Total organic carbon	<1,000	<1,000	<1,000	1,200	1		µg/L	WA	0
		Total organic halogens	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Total phosphates (as P)	53	<50	<50	3,110	10		µg/L	WA	0
		Total suspended solids	7,000	2,000	9,000	<1,000	1		µg/L	GE	0
		Toxaphene	<1.1	<1.0	<0.24	<1.1	1.05		µg/L	WA	0
		2,4,5-TP (Silvex)	<0.54	<0.56	<0.00044	<0.55	1.09		µg/L	WA	0
		1,1,1-Trichloroethane	<5.0	<5.0	<1.0	<5.0	1		µg/L	WA	0
		1,1,2-Trichloroethane	<5.0	<5.0	<1.0	<5.0	1		µg/L	WA	0
		Trichloroethylene	<5.0	<5.0	<1.0	<5.0	1		µg/L	WA	0
		Trichlorofluoromethane	<5.0	<5.0	<1.0	<5.0	1		µg/L	WA	0
		1,2,3-Trichloropropane	<10	<10	<1.0	<10	1		µg/L	WA	0
		Tritium	1.2E+00		1.2E+00	1.3E+00	1		pCi/mL	GP	0
		Vanadium, total recoverable	<3.0	<3.0	<3.0	<3.0	1		µg/L	WA	0
		Vinyl acetate	<10	<10	<10	<10	1		µg/L	WA	0
		Xylenes	<5.0	<5.0	<2.0	<5.0	1		µg/L	WA	0

Note: Flagging, dilution factors, modifiers, and laboratories are for fourth quarter 1994 data only. See Appendix B for flagging criteria.

• = exceeded holding time for fourth quarter 1994.

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WELL LFW 43C

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

SAMPLE DATE	12/13/93	03/29/94	06/03/94	09/16/94

FIELD DATA

Analyte	1Q94	2Q94	3Q94	4Q94	Unit
Water elevation	166.0	166.3	165.7	164.9	ft msl
Depth to water	36.6	36.3	36.9	37.7	ft
pH	5.5	4.9	5.1	5.1	pH
Sp. conductance	12	17	21	22	µS/cm
Water temperature	17.8	18.5	18.7	18.9	°C
Alkalinity as CaCO ₃	1	1	1	1	mg/L
Turbidity	0	0	0	0	NTU
Volume purged	21.9	12.1	10.2	5.0	well vol.
Sampling code					

ANALYTICAL DATA

H	ST	Analyte	1Q94	2Q94	3Q94	4Q94	DF	Mod	Unit	Lab	Flag
		Acetone	<10	<10	<10	<10	1		µg/L	WA	0
		Acetonitrile (Methyl cyanide)	<1.0	<20	<20	<20	1		µg/L	WA	0
		Acrolein	<10	<10	<10	<10	1		µg/L	WA	0
		Acrylonitrile	<10	<10	<10	<10	1		µg/L	WA	0
		Allyl chloride	<50	<20	<20	<20	1		µg/L	WA	0
		Aluminum, total recoverable	20	<20	<20	<20	1		µg/L	WA	0
		Arsenic, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Barium, total recoverable	4.0	<4.0	<4.0	4.3	1		µg/L	WA	0
		Benzene	<1.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Bis(2-chloroisopropyl) ether	<10						µg/L		
		Bromodichloromethane	<1.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Bromoform	<1.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Bromomethane (Methyl bromide)	<1.0	<10	<10	<10	1		µg/L	WA	0
		Cadmium, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Calcium, total recoverable	769	708	749	921	1		µg/L	WA	0
		Carbon disulfide	<1.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Carbon tetrachloride	<1.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Chloride	1,350	1,270	1,340	1,750	1		µg/L	WA	0
		Chlorobenzene	<1.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Chloroethane	<1.0	<10	<10	<10	1		µg/L	WA	0
		Chloroethene (Vinyl chloride)	<1.0	<10	<10	<10	1		µg/L	WA	0
		Chloroform	<1.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Chloromethane (Methyl chloride)	<1.0	1.5	<10	22	1		µg/L	WA	2
		Chloroprene	<20	<100	<100	<100	1		µg/L	WA	0
		Chromium, total recoverable	4.0	<4.0	<4.0	<4.0	1		µg/L	WA	0
		Copper, total recoverable	4.0	<4.0	<4.0	<4.0	1		µg/L	WA	0
		Dibromochloromethane	<1.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,2-Dibromo-3-chloropropane	<1.0	<20	<20	<20	1		µg/L	WA	0
		1,2-Dibromoethane	<20	<20	<20	<20	1		µg/L	WA	0
		Dibromomethane	<1.0	<10	<10	<10	1		µg/L	WA	0
		trans-1,4-Dichloro-2-butene	<30	<100	<100	<100	1		µg/L	WA	0
		Dichlorodifluoromethane	<1.0	<10	<10	<10	1		µg/L	WA	0
		1,1-Dichloroethane	<1.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,2-Dichloroethane	<1.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,1-Dichloroethylene	<1.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		trans-1,2-Dichloroethylene	<1.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Dichloromethane	1.1	<5.0	<5.0	2.4	1	J	µg/L	WA	0
		2,4-Dichlorophenoxyacetic acid	<0.30	<1.1	<1.1	<1.1	1.1		µg/L	WA	0
		1,2-Dichloropropane	<1.0	<5.0	<5.0	<5.0	1		µg/L	WA	0

Note: Flagging, dilution factors, modifiers, and laboratories are for fourth quarter 1994 data only. See Appendix B for flagging criteria.

● = exceeded holding time for fourth quarter 1994.

■ = exceeded screening level or final PDWS for fourth quarter 1994.

Well LFW 43C continued

ANALYTICAL DATA

H	ST	Analyte	1Q94	2Q94	3Q94	4Q94	DF	Mod	Unit	Lab	Flag
		cis-1,3-Dichloropropene	<1.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		trans-1,3-Dichloropropene	<1.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Endrin	<0.0060	<0.10	<0.10	<0.10	1.04		µg/L	WA	0
		Ethylbenzene	<1.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Fluoride	<100	<100	<100	<100	1		µg/L	WA	0
		Gross alpha	2.9E+00		1.5E+00	1.5E+00	1	J	pCi/L	GP	0
		2-Hexanone	<1.0	<10	<10	<10	1		µg/L	WA	0
		Iodomethane (Methyl iodide)	<10	<10	<10	<10	1		µg/L	WA	0
		Iron, total recoverable	13	12	5.6	4.1	1		µg/L	WA	0
		Isobutyl alcohol	<20	<20	<20	<20	1		µg/L	WA	0
		Lead, total recoverable	<3.0	<3.0	<3.0	3.7	1		µg/L	WA	0
		Lindane	<0.0050	<0.052	<0.052	<0.052	1.04		µg/L	WA	0
		Magnesium, total recoverable	375	346	368	418	1		µg/L	WA	0
		Manganese, total recoverable	2.8	2.5	2.3	2.3	1		µg/L	WA	0
•		Mercury, total recoverable	<0.20	<0.20	<0.20	<0.20	1	J	µg/L	WA	0
		Methacrylonitrile	<20	<20	<20	<20	1		µg/L	WA	0
		Methoxychlor	<0.50	<0.52	<0.52	<0.52	1.04		µg/L	WA	0
		Methyl ethyl ketone	<1.0	<10	<10	<10	1		µg/L	WA	0
		Methyl isobutyl ketone	<1.0	<10	<10	<10	1		µg/L	WA	0
		Nickel, total recoverable	<4.0	<4.0	<4.0	<4.0	1		µg/L	WA	0
		Nitrate as nitrogen	480	408	390	508	1		µg/L	WA	0
		Nitrate-nitrite as nitrogen	340						µg/L		
•		Nonvolatile beta	3.2E+00		<7.5E-01	1.3E+00	1	UI	pCi/L	GP	0
		pH	5.9	5.3	5.2	5.3	1	J	pH	WA	0
		Phenols	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Potassium, total recoverable	500	<500	<500	<500	1		µg/L	WA	0
		Propionitrile	<50	<50	<50	<50	1		µg/L	WA	0
		Radium, total alpha-emitting	<1.0E+00			9.0E-01	1	J	pCi/L	GP	0
		Radium-226	1.2E+00		2.0E+00				pCi/L		
		Radium-228	<1.3E-01		8.0E-01				pCi/L		
		Selenium, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Silica, total recoverable	6,730	6,110	6,030	6,830	2.1		µg/L	WA	0
		Silver, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Sodium, total recoverable	1,030	987	1,080	1,140	1		µg/L	WA	0
		Specific conductance	17	14	16	17	1		µS/cm	WA	0
		Styrene	<1.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Sulfate	<1,000	<1,000	<1,000	<1,000	1		µg/L	WA	0
		1,1,1,2-Tetrachloroethane	<1.0	<10	<10	<10	1		µg/L	WA	0
		1,1,2,2-Tetrachloroethane	<1.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Tetrachloroethylene	<1.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Toluene	<1.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Total dissolved solids	35,000	17,000	21,000	19,000	1		µg/L	WA	0
		Total organic carbon	<1,000	<1,000	<1,000	<1,000	1		µg/L	WA	0
		Total organic halogens	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Total phosphates (as P)	<50	<50	<50	686	2		µg/L	WA	0
		Total suspended solids	1,000	<1,000	<1,000	<1,000	1		µg/L	GE	0
		Toxaphene	<0.24	<1.0	<1.0	<1.0	1.04		µg/L	WA	0
		2,4,5-TP (Silvex)	<0.090	<0.55	<0.55	<0.55	1.1		µg/L	WA	0
		1,1,1-Trichloroethane	<1.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,1,2-Trichloroethane	<1.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Trichloroethylene	<1.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Trichlorofluoromethane	<1.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,2,3-Trichloropropane	<1.0	<10	<10	<10	1		µg/L	WA	0
		Tritium	4.1E+00		2.6E+00	3.0E+00	1		pCi/mL	GP	0
		Vanadium, total recoverable	<3.0	<3.0	<3.0	<3.0	1		µg/L	WA	0
		Vinyl acetate	<1.0	<10	<10	<10	1		µg/L	WA	0
		Xylenes	<2.0	<5.0	<5.0	<5.0	1		µg/L	WA	0

Note: Flagging, dilution factors, modifiers, and laboratories are for fourth quarter 1994 data only. See Appendix B for flagging criteria.

• = exceeded holding time for fourth quarter 1994.

■ = exceeded screening level or final PDWS for fourth quarter 1994.

WELL LFW 43D

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

SAMPLE DATE	12/12/93	03/29/94	06/03/94	09/16/94
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FIELD DATA

Analyte	1Q94	2Q94	3Q94	4Q94	Unit
Water elevation	166.3	166.6	166.3	165.2	ft msl
Depth to water	36.6	36.3	36.6	37.7	ft
pH	5.0	4.9	5.3	5.0	pH
Sp. conductance	21	16	18	20	µS/cm
Water temperature	18.6	18.7	19.2	18.8	°C
Alkalinity as CaCO ₃	1	1	1	0	mg/L
Turbidity	2	3	0	0	NTU
Volume purged	9.7	12.1	27.2	22.1	well vol.
Sampling code					

ANALYTICAL DATA

H	ST	Analyte	1Q94	2Q94	3Q94	4Q94	DF	Mod	Unit	Lab	Flag
		Acetone	<10	<90	<10	<10	1		µg/L	WA	0
		Acetonitrile (Methyl cyanide)	<20	<20	<20	<20	1		µg/L	WA	0
		Acrolein	<10	<10	<10	<10	1		µg/L	WA	0
		Acrylonitrile	<10	<10	<10	<10	1		µg/L	WA	0
		Allyl chloride	<100	<20	<20	<20	1		µg/L	WA	0
		Aluminum, total recoverable	28	25	<20	<20	1		µg/L	WA	0
		Arsenic, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Barium, total recoverable	8.5	7.3	6.5	7.5	1		µg/L	WA	0
		Benzene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Bromodichloromethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Bromoform	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Bromomethane (Methyl bromide)	<10	<10	<10	<10	1		µg/L	WA	0
		Cadmium, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Calcium, total recoverable	557	500	463	525	1		µg/L	WA	0
		Carbon disulfide	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Carbon tetrachloride	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Chloride	1,720	1,210	1,350	2,270	1		µg/L	WA	0
		Chlorobenzene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Chloroethane	<10	<10	<10	<10	1		µg/L	WA	0
		Chloroethene (Vinyl chloride)	<10	<10	<10	<10	1		µg/L	WA	0
		Chloroform	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Chloromethane (Methyl chloride)	<10	1.4	<10	6.8	1	J	µg/L	WA	1
		Chloroprene	<20	<100	<100	<100	1		µg/L	WA	0
		Chromium, total recoverable	4.1	<4.0	<4.0	<4.0	1		µg/L	WA	0
		Copper, total recoverable	<4.0	<4.0	<4.0	<4.0	1		µg/L	WA	0
		Dibromochloromethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,2-Dibromo-3-chloropropane	<20	<20	<20	<20	1		µg/L	WA	0
		1,2-Dibromoethane	<20	<20	<20	<20	1		µg/L	WA	0
		Dibromomethane	<10	<10	<10	<10	1		µg/L	WA	0
		trans-1,4-Dichloro-2-butene	<100	<100	<100	<100	1		µg/L	WA	0
		Dichlorodifluoromethane	<10	<10	<10	<10	1		µg/L	WA	0
		1,1-Dichloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,2-Dichloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,1-Dichloroethylene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		trans-1,2-Dichloroethylene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Dichloromethane	<5.0	<5.0	<110	<5.0	1		µg/L	WA	0
		2,4-Dichlorophenoxyacetic acid	<1.1	<1.1	<1.1	<1.1	1.1		µg/L	WA	0
		1,2-Dichloropropane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		cis-1,3-Dichloropropene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0

Note: Flagging, dilution factors, modifiers, and laboratories are for fourth quarter 1994 data only. See Appendix B for flagging criteria.

● = exceeded holding time for fourth quarter 1994.

■ = exceeded screening level or final PDWS for fourth quarter 1994.

Well LFW 43D continued

ANALYTICAL DATA

H	ST	Analyte	1Q94	2Q94	3Q94	4Q94	DF	Mod	Unit	Lab	Flag
		trans-1,3-Dichloropropene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Endrin	<0.10	<0.10	<0.11	<0.11	1.09		µg/L	WA	0
		Ethylbenzene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Fluoride	<100	<100	<100	<100	1		µg/L	WA	0
		Gross alpha	2.2E+00		1.2E+00	5.5E-01	1	UI	pCi/L	GP	0
		2-Hexanone	<10	<10	<10	<10	1		µg/L	WA	0
		Iodomethane (Methyl iodide)	<10	<10	<10	<10	1		µg/L	WA	0
		Iron, total recoverable	26	24	6.8	22	1		µg/L	WA	0
		Isobutyl alcohol	<20	<20	<20	<20	1		µg/L	WA	0
		Lead, total recoverable	<3.0	4.6	<3.0	4.0	1		µg/L	WA	0
		Lindane	<0.052	<0.052	<0.052	<0.055	1.09		µg/L	WA	0
		Magnesium, total recoverable	583	499	489	550	1		µg/L	WA	0
		Manganese, total recoverable	5.8	5.0	4.6	4.9	1		µg/L	WA	0
		Mercury, total recoverable	<0.20	<0.20	<0.20	<0.20	1		µg/L	WA	0
		Methacrylonitrile	<20	<20	<20	<20	1		µg/L	WA	0
		Methoxychlor	<0.52	<0.52	<0.53	<0.55	1.09		µg/L	WA	0
		Methyl ethyl ketone	<10	<10	<10	<10	1		µg/L	WA	0
		Methyl isobutyl ketone	<10	<10	<10	<10	1		µg/L	WA	0
		Nickel, total recoverable	<4.0	<4.0	<4.0	<4.0	1		µg/L	WA	0
		Nitrate as nitrogen	588	416	310	470	1		µg/L	WA	0
		Nonvolatile beta	6.0E+00		2.5E+00	2.5E+00	1	J	pCi/L	GP	0
•		pH	5.6	5.1	5.2		1	J	pH	WA	0
		Phenols	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Potassium, total recoverable	<500	<500	<500	<500	1		µg/L	WA	0
		Propionitrile	<50	<50	<50	<50	1		µg/L	WA	0
		Radium, total alpha-emitting				4.0E-01	1		pCi/L	GP	0
		Radium-226	3.8E-01		1.1E+00				pCi/L		
		Radium-228	2.2E+00		1.2E+00				pCi/L		
		Selenium, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Silica, total recoverable	21,800	5,330	5,180	5,790	2.1		µg/L	WA	0
		Silver, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Sodium, total recoverable	974	828	848	902	1		µg/L	WA	0
		Specific conductance	15	14	14	16	1		µS/cm	WA	0
		Styrene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Sulfate	<1,000	<1,000	<1,000	<1,000	1		µg/L	WA	0
		1,1,1,2-Tetrachloroethane	<10	<10	<10	<10	1		µg/L	WA	0
		1,1,2,2-Tetrachloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Tetrachloroethylene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Toluene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Total dissolved solids	15,000	15,000	17,000	11,000	1		µg/L	WA	0
		Total organic carbon	3,180	<1,000	<1,000	<1,000	1		µg/L	WA	0
		Total organic halogens	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Total phosphates (as P)	<50	<50	<50	3,130	10		µg/L	WA	0
		Total suspended solids	<1,000	4,000	<1,000	<1,000	1		µg/L	GE	0
		Toxaphene	<1.0	<1.0	<1.1	<1.1	1.09		µg/L	WA	0
		2,4,5-TP (Silvex)	<0.55	<0.55	<0.55	<0.55	1.1		µg/L	WA	0
		1,1,1-Trichloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,1,2-Trichloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Trichloroethylene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Trichlorofluoromethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,2,3-Trichloropropane	<10	<10	<10	<10	1		µg/L	WA	0
		Tritium	9.7E-01		1.7E+00	1.9E+00	1		pCi/mL	GP	0
		Vanadium, total recoverable	<3.0	<3.0	<3.0	<3.0	1		µg/L	WA	0
		Vinyl acetate	<10	<10	<10	<10	1		µg/L	WA	0
		Xylenes	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0

Note: Flagging, dilution factors, modifiers, and laboratories are for fourth quarter 1994 data only. See Appendix B for flagging criteria.

• = exceeded holding time for fourth quarter 1994.

■ = exceeded screening level or final PDWS for fourth quarter 1994.

WELL LFW 44D

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

SAMPLE DATE	12/19/93	03/29/94	06/10/94	09/08/94
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FIELD DATA

Analyte	1Q94	2Q94	3Q94	4Q94	Unit
Water elevation	154.5	155.6	154.5	154.1	ft msl
Depth to water	15.8	14.7	15.8	16.2	ft
pH	5.1	4.7	4.6	4.9	pH
Sp. conductance	24	24	25	31	µS/cm
Water temperature	18.0	16.6	18.1	19.4	°C
Alkalinity as CaCO ₃	0	0	0	0	mg/L
Turbidity	1	0	1	0	NTU
Volume purged	17.9	25.4	18.0	13.8	well vol.
Sampling code					

ANALYTICAL DATA

H	ST	Analyte	1Q94	2Q94	3Q94	4Q94	DF	Mod	Unit	Lab	Flag
		Acetone	<10	<10	<10	<10	1		µg/L	WA	0
		Acetonitrile (Methyl cyanide)	<20	<20	<20	<20	1		µg/L	WA	0
		Acrolein	<10	<10	<10	<10	1		µg/L	WA	0
		Acrylonitrile	<10	<10	<10	<10	1		µg/L	WA	0
		Allyl chloride	<100	<20	<20	<20	1		µg/L	WA	0
		Aluminum, total recoverable	22	<20	25	21	1		µg/L	WA	0
		Arsenic, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Barium, total recoverable	<4.0	<4.0	<4.0	4.3	1		µg/L	WA	0
		Benzene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Bromodichloromethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Bromoform	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Bromomethane (Methyl bromide)	<10	<10	<10	<10	1		µg/L	WA	0
		Cadmium, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Calcium, total recoverable	536	479	591	648	1		µg/L	WA	0
		Carbon disulfide	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Carbon tetrachloride	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Chloride	3,060	2,580	3,070	2,860	1		µg/L	WA	0
		Chlorobenzene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Chloroethane	<10	<10	<10	<10	1		µg/L	WA	0
		Chloroethene (Vinyl chloride)	<10	<10	<10	<10	1		µg/L	WA	0
		Chloroform	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Chloromethane (Methyl chloride)	<10	<10	<10	6.6	1	J	µg/L	WA	1
		Chloroprene	<20	<100	<100	<100	1		µg/L	WA	0
		Chromium, total recoverable	<4.0	<4.0	<4.0	<4.0	1		µg/L	WA	0
		Copper, total recoverable	<4.0	<4.0	<4.0	<4.0	1		µg/L	WA	0
		Dibromochloromethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,2-Dibromo-3-chloropropane	<20	<20	<20	<20	1		µg/L	WA	0
		1,2-Dibromoethane	<20	<20	<20	<20	1		µg/L	WA	0
		Dibromomethane	<10	<10	<10	<10	1		µg/L	WA	0
		trans-1,4-Dichloro-2-butene	<100	<100	<100	<100	1		µg/L	WA	0
		Dichlorodifluoromethane	<10	<10	<10	<10	1		µg/L	WA	0
		1,1-Dichloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,2-Dichloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,1-Dichloroethylene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		trans-1,2-Dichloroethylene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Dichloromethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		2,4-Dichlorophenoxyacetic acid	<1.1	<1.1	<1.1	<1.1	1.09		µg/L	WA	0
		1,2-Dichloropropane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		cis-1,3-Dichloropropene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0

Note: Flagging, dilution factors, modifiers, and laboratories are for fourth quarter 1994 data only. See Appendix B for flagging criteria.

● = exceeded holding time for fourth quarter 1994.

■ = exceeded screening level or final PDWS for fourth quarter 1994.

Well LFW 44D continued

ANALYTICAL DATA

H	ST	Analyte	1Q94	2Q94	3Q94	4Q94	DF	Mod	Unit	Lab	Flag
		trans-1,3-Dichloropropene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Endrin	<0.11	<0.10	<0.10	<0.10	1.03		µg/L	WA	0
		Ethylbenzene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Fluoride	<100	<100	<100	<100	1		µg/L	WA	0
		Gross alpha	9.2E+00		8.2E+00	5.5E+00	1		pCi/L	GP	0
		2-Hexanone	<10	<10	<10	<10	1		µg/L	WA	0
		Iodomethane (Methyl iodide)	<10	<10	<10	<10	1		µg/L	WA	0
		Iron, total recoverable	30	12	63	8.2	1		µg/L	WA	0
		Isobutyl alcohol	<20	<20	<20	<20	1		µg/L	WA	0
		Lead, total recoverable	<3.0	7.3	<3.0	<3.0	1		µg/L	WA	0
		Lindane	<0.054	<0.052	<0.052	<0.052	1.03		µg/L	WA	0
		Magnesium, total recoverable	529	422	513	524	1		µg/L	WA	0
		Manganese, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Mercury, total recoverable	0.24	<0.20	<0.20	<0.20	1		µg/L	WA	0
		Methacrylonitrile	<20	<20	<20	<20	1		µg/L	WA	0
		Methoxychlor	<0.54	<0.52	<0.52	<0.52	1.03		µg/L	WA	0
		Methyl ethyl ketone	<10	<10	<10	<10	1		µg/L	WA	0
		Methyl isobutyl ketone	<10	<10	<10	<10	1		µg/L	WA	0
		Nickel, total recoverable	<4.0	<4.0	<4.0	<4.0	1		µg/L	WA	0
		Nitrate as nitrogen	329	565	562	310	5		µg/L	WA	0
		Nonvolatile beta	8.6E+01		8.6E+00	6.5E+00	1		pCi/L	GP	0
•		pH	5.8	5.0	5.1	5.1	1	J	pH	WA	0
		Phenols	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Potassium, total recoverable	821	692	898	777	1		µg/L	WA	0
		Propionitrile	<50	<50	<50	<50	1		µg/L	WA	0
		Radium, total alpha-emitting				6.5E+00	1		pCi/L	GP	0
		Radium-226	2.3E+00		3.0E+00				pCi/L		
		Radium-228	3.7E+00		3.8E+00				pCi/L		
		Selenium, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Silica, total recoverable	5,880	5,680	5,940	5,800	2.1		µg/L	WA	0
		Silver, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Sodium, total recoverable	1,360	1,560	1,310	1,300	1		µg/L	WA	0
		Specific conductance	17	19	25	24	1		µS/cm	WA	0
		Styrene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Sulfate	<1,000	<1,000	<1,000	<1,000	1		µg/L	WA	0
		1,1,1,2-Tetrachloroethane	<10	<10	<10	<10	1		µg/L	WA	0
		1,1,2,2-Tetrachloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Tetrachloroethylene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Toluene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Total dissolved solids	32,000	17,000	18,000	43,000	1		µg/L	WA	0
		Total organic carbon	<1,000	<1,000	<1,000	<1,000	1		µg/L	WA	0
		Total organic halogens	8.2	5.4	5.5	8.9	1		µg/L	WA	0
		Total phosphates (as P)	56	<50	<50	144	1		µg/L	WA	0
		Total suspended solids	<1,000	<1,000	<1,000	<1,000	1		µg/L	GE	0
		Toxaphene	<1.1	<1.0	<1.0	<1.0	1.03		µg/L	WA	0
		2,4,5-TP (Silvex)	<0.55	<0.54	<0.55	<0.55	1.09		µg/L	WA	0
		1,1,1-Trichloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,1,2-Trichloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Trichloroethylene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Trichlorofluoromethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,2,3-Trichloropropane	<10	<10	<10	<10	1		µg/L	WA	0
		Tritium	3.1E+00		2.7E+00	3.4E+00	1		pCi/mL	GP	0
		Vanadium, total recoverable	<3.0	<3.0	<3.0	<3.0	1		µg/L	WA	0
		Vinyl acetate	<10	<10	<10	<10	1		µg/L	WA	0
		Xylenes	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0

Note: Flagging, dilution factors, modifiers, and laboratories are for fourth quarter 1994 data only. See Appendix B for flagging criteria.

• = exceeded holding time for fourth quarter 1994.

■ = exceeded screening level or final PDWS for fourth quarter 1994.

WELL LFW 45D

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

SAMPLE DATE	12/19/93	03/28/94	06/09/94	09/08/94
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FIELD DATA

Analyte	1Q94	2Q94	3Q94	4Q94	Unit
Water elevation	152.0	153.1	151.8	151.6	ft msl
Depth to water	14.3	13.2	14.5	14.7	ft
pH	5.2	5.2	4.6	5.0	pH
Sp. conductance	25	37	27	32	µS/cm
Water temperature	17.9	16.1	17.1	19.4	°C
Alkalinity as CaCO ₃	0	2	1	0	mg/L
Turbidity	1	1	0	0	NTU
Volume purged	11.1	15.6	19.4	12.1	well vol.
Sampling code					

ANALYTICAL DATA

H	ST	Analyte	1Q94	2Q94	3Q94	4Q94	DF	Mod	Unit	Lab	Flag
		Acetone	<10	<10	<11	<10	1		µg/L	WA	0
		Acetonitrile (Methyl cyanide)	<20	<20	<20	<20	1		µg/L	WA	0
		Acrolein	<10	<10	<10	<10	1		µg/L	WA	0
		Acrylonitrile	<10	<10	<10	<10	1		µg/L	WA	0
		Allyl chloride	<100	<20	<20	<20	1		µg/L	WA	0
		Aluminum, total recoverable	<20	<20	22	26	1		µg/L	WA	1
		Arsenic, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Barium, total recoverable	6.2	4.5	6.9	6.2	1		µg/L	WA	0
		Benzene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Bromodichloromethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Bromoform	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Bromomethane (Methyl bromide)	<10	<10	<10	<10	1		µg/L	WA	0
		Cadmium, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Calcium, total recoverable	823	2,120	954	1,100	1		µg/L	WA	0
		Carbon disulfide	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Carbon tetrachloride	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Chloride	2,520	2,130	2,760	2,370	1		µg/L	WA	0
		Chlorobenzene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Chloroethane	<10	<10	<10	<10	1		µg/L	WA	0
		Chloroethene (Vinyl chloride)	<10	<10	<10	<10	1		µg/L	WA	0
		Chloroform	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Chloromethane (Methyl chloride)	<10	1.1	<10	4.5	1	J	µg/L	WA	0
		Chloroprene	<20	<100	<100	<100	1		µg/L	WA	0
		Chromium, total recoverable	<4.0	<4.0	<4.0	<4.0	1		µg/L	WA	0
		Copper, total recoverable	<4.0	<4.0	4.6	6.7	1		µg/L	WA	0
		Dibromochloromethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,2-Dibromo-3-chloropropane	<20	<20	<20	<20	1		µg/L	WA	0
		1,2-Dibromoethane	<20	<20	<20	<20	1		µg/L	WA	0
		Dibromomethane	<10	<10	<10	<10	1		µg/L	WA	0
		trans-1,4-Dichloro-2-butene	<100	<100	<100	<100	1		µg/L	WA	0
		Dichlorodifluoromethane	<10	<10	<10	<10	1		µg/L	WA	0
		1,1-Dichloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,2-Dichloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,1-Dichloroethylene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		trans-1,2-Dichloroethylene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Dichloromethane	<5.0	<5.0	<21	<5.0	1		µg/L	WA	0
		2,4-Dichlorophenoxyacetic acid	<1.1	<1.1	<1.1	<1.1	1.09		µg/L	WA	0
		1,2-Dichloropropane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		cis-1,3-Dichloropropene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0

Note: Flagging, dilution factors, modifiers, and laboratories are for fourth quarter 1994 data only. See Appendix B for flagging criteria.

● = exceeded holding time for fourth quarter 1994.

■ = exceeded screening level or final PDWS for fourth quarter 1994.

Well LFW 45D continued

ANALYTICAL DATA

H	ST	Analyte	1Q94	2Q94	3Q94	4Q94	DF	Mod	Unit	Lab	Flag
		trans-1,3-Dichloropropene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Endrin	<0.11	<0.11	<0.10	<0.11	1.11		µg/L	WA	0
		Ethylbenzene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Fluoride	<100	<100	<100	<100	1		µg/L	WA	0
		Gross alpha	7.3E+00	4.0E+00	1.4E+00	1.5E+00	1	J	pCi/L	GP	0
		2-Hexanone	<10	<10	<10	<10	1		µg/L	WA	0
		Iodomethane (Methyl iodide)	<10	<10	<10	<10	1		µg/L	WA	0
		Iron, total recoverable	26	13	21	79	1		µg/L	WA	0
		Isobutyl alcohol	<20	<20	<20	<20	1		µg/L	WA	0
		Lead, total recoverable	<3.0	<3.0	<3.0	<3.0	1		µg/L	WA	0
		Lindane	<0.055	<0.055	<0.052	<0.056	1.11		µg/L	WA	0
		Magnesium, total recoverable	637	588	701	621	1		µg/L	WA	0
		Manganese, total recoverable	2.6	<2.0	2.6	2.3	1		µg/L	WA	0
		Mercury, total recoverable	0.29	<0.20	<0.20	<0.20	1		µg/L	WA	0
		Methacrylonitrile	<20	<20	<20	<20	1		µg/L	WA	0
		Methoxychlor	<0.55	<0.55	<0.52	<0.56	1.11		µg/L	WA	0
		Methyl ethyl ketone	<10	<10	<10	<10	1		µg/L	WA	0
		Methyl isobutyl ketone	<10	<10	<10	<10	1		µg/L	WA	0
		Nickel, total recoverable	<4.0	<4.0	<4.0	<4.0	1		µg/L	WA	0
		Nitrate as nitrogen	229	241	285	359	1		µg/L	WA	0
		Nonvolatile beta	1.0E+02	6.3E+00	3.5E+00	3.0E+00	1	J	pCi/L	GP	0
		pH	5.4	6.7	4.9	5.3	1	J	pH	WA	0
		Phenols	<5.0	<5.0	5.0	<5.0	1		µg/L	WA	0
		Potassium, total recoverable	620	<500	783	776	1		µg/L	WA	0
		Propionitrile	<50	<50	<50	<50	1		µg/L	WA	0
		Radium, total alpha-emitting				1.1E+00	1	J	pCi/L	GP	0
		Radium-226	7.8E-01	3.0E-01	2.2E+00				pCi/L		
		Radium-228	1.5E+00	1.8E+00	2.0E+00				pCi/L		
		Selenium, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Silica, total recoverable	5,830	6,200	5,930	5,930	2.1		µg/L	WA	0
		Silver, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Sodium, total recoverable	1,170	1,960	1,080	1,160	1		µg/L	WA	0
		Specific conductance	17	27	23	27	1		µS/cm	WA	0
		Styrene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Sulfate	1,410	4,680	2,000	2,000	1		µg/L	WA	0
		1,1,1,2-Tetrachloroethane	<10	<10	<10	<10	1		µg/L	WA	0
		1,1,2,2-Tetrachloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Tetrachloroethylene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Toluene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Total dissolved solids	19,000	23,000	57,000	25,000	1		µg/L	WA	0
		Total organic carbon	<1,000	<1,000	<1,000	<1,000	1		µg/L	WA	0
		Total organic halogens	<10	<6.7	8.0	6.9	1		µg/L	WA	0
		Total phosphates (as P)	<50	<50	<50	547	2		µg/L	WA	0
		Total suspended solids	<1,000	<1,000	<1,000	<1,000	1		µg/L	GE	0
		Toxaphene	<1.1	<1.1	<1.0	<1.1	1.11		µg/L	WA	0
		2,4,5-TP (Silvex)	<0.55	<0.55	<0.54	<0.55	1.09		µg/L	WA	0
		1,1,1-Trichloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,1,2-Trichloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Trichloroethylene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Trichlorofluoromethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,2,3-Trichloropropane	<10	<10	<10	<10	1		µg/L	WA	0
		Tritium	2.8E+00	2.6E+00	1.8E+00	2.6E+00	1		pCi/mL	GP	0
		Vanadium, total recoverable	<3.0	<3.0	<3.0	<3.0	1		µg/L	WA	0
		Vinyl acetate	<10	<10	<10	<10	1		µg/L	WA	0
		Xylenes	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0

Note: Flagging, dilution factors, modifiers, and laboratories are for fourth quarter 1994 data only. See Appendix B for flagging criteria.

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WELL LFW 46D

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

SAMPLE DATE	12/19/93	03/28/94	06/09/94	09/08/94
FIELD DATA				

Analyte	1Q94	2Q94	3Q94	4Q94	Unit
Water elevation	150.7	151.8	150.5	150.3	ft msl
Depth to water	14.4	13.3	14.6	14.8	ft
pH	5.6	5.4	4.9	5.5	pH
Sp. conductance	109	101	122	138	µS/cm
Water temperature	18.6	15.8	17.8	19.9	°C
Alkalinity as CaCO ₃	3	4	1	3	mg/L
Turbidity	4	2	1	1	NTU
Volume purged	32.1	25.3	46.5	26.5	well vol.
Sampling code					

ANALYTICAL DATA

H	ST	Analyte	1Q94	2Q94	3Q94	4Q94	DF	Mod	Unit	Lab	Flag
		Acetone	<10	10	<11	<25	1	J	µg/L	WA	0
		Acetonitrile (Methyl cyanide)	<20	<20	<20	<20	1		µg/L	WA	0
		Acrolein	<10	<10	<10	<10	1		µg/L	WA	0
		Acrylonitrile	<10	<10	<10	<10	1		µg/L	WA	0
		Allyl chloride	<100	<20	<20	<20	1		µg/L	WA	0
		Aluminum, total recoverable	293	<20	26	22	1		µg/L	WA	0
		Arsenic, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Barium, total recoverable	15	12	15	15	1		µg/L	WA	0
		Benzene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Bromodichloromethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Bromoform	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Bromomethane (Methyl bromide)	<10	<10	<10	<10	1		µg/L	WA	0
		Cadmium, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Calcium, total recoverable	9,640	8,140	10,500	10,400	1		µg/L	WA	0
		Carbon disulfide	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Carbon tetrachloride	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Chloride	4,360	3,270	3,980	3,080	1		µg/L	WA	0
		Chlorobenzene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Chloroethane	<10	<10	<10	<10	1		µg/L	WA	0
		Chloroethene (Vinyl chloride)	<10	<10	<10	<10	1		µg/L	WA	0
		Chloroform	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Chloromethane (Methyl chloride)	<10	<10	<10	5.6	1	J	µg/L	WA	1
		Chloroprene	<20	<100	<100	<100	1		µg/L	WA	0
		Chromium, total recoverable	<4.0	<4.0	<4.0	<4.0	1		µg/L	WA	0
		Copper, total recoverable	<4.0	<4.0	<4.0	7.0	1		µg/L	WA	0
		Dibromochloromethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,2-Dibromo-3-chloropropane	<20	<20	<20	<20	1		µg/L	WA	0
		1,2-Dibromoethane	<20	<20	<20	<20	1		µg/L	WA	0
		Dibromomethane	<10	<10	<10	<10	1		µg/L	WA	0
		trans-1,4-Dichloro-2-butene	<100	<100	<100	<100	1		µg/L	WA	0
		Dichlorodifluoromethane	<10	<10	<10	<10	1		µg/L	WA	0
		1,1-Dichloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,2-Dichloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,1-Dichloroethylene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		trans-1,2-Dichloroethylene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Dichloromethane	<5.0	<5.0	<21	<5.0	1		µg/L	WA	0
		2,4-Dichlorophenoxyacetic acid	<1.1	<1.1	<1.1	<1.1	1.08		µg/L	WA	0
		1,2-Dichloropropane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		cis-1,3-Dichloropropene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0

Note: Flagging, dilution factors, modifiers, and laboratories are for fourth quarter 1994 data only. See Appendix B for flagging criteria.

● = exceeded holding time for fourth quarter 1994.

■ = exceeded screening level or final PDWS for fourth quarter 1994.

Well LFW 46D continued

ANALYTICAL DATA

H	ST	Analyte	1Q94	2Q94	3Q94	4Q94	DF	Mod	Unit	Lab	Flag
		trans-1,3-Dichloropropene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Endrin	<0.11	<0.11	<0.11	<0.11	1.11		µg/L	WA	0
		Ethylbenzene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Fluoride	<100	<100	<100	<100	1		µg/L	WA	0
		Gross alpha	1.2E+01	3.1E+00	8.6E+00	4.8E+00	1		pCi/L	GP	0
		2-Hexanone	<10	<10	<10	<10	1		µg/L	WA	0
		Iodomethane (Methyl iodide)	<10	<10	<10	<10	1		µg/L	WA	0
		Iron, total recoverable	875	16	37	25	1		µg/L	WA	0
		Isobutyl alcohol	<20	<20	<20	<20	1		µg/L	WA	0
		Lead, total recoverable	<3.0	<3.0	<3.0	<3.0	1		µg/L	WA	0
		Lindane	<0.056	<0.055	<0.055	<0.056	1.11		µg/L	WA	0
		Magnesium, total recoverable	3,800	3,680	4,090	3,960	1		µg/L	WA	0
		Manganese, total recoverable	9.7	5.4	8.9	6.5	1		µg/L	WA	0
		Mercury, total recoverable	0.25	<0.20	<0.20	<0.20	1		µg/L	WA	0
		Methacrylonitrile	<20	<20	<20	<20	1		µg/L	WA	0
		Methoxychlor	<0.56	<0.55	<0.55	<0.56	1.11		µg/L	WA	0
		Methyl ethyl ketone	<10	<10	<10	<10	1		µg/L	WA	0
		Methyl isobutyl ketone	<10	<10	<10	<10	1		µg/L	WA	0
		Nickel, total recoverable	<4.0	<4.0	<4.0	<4.0	1		µg/L	WA	0
		Nitrate as nitrogen	324	347	303	282	1		µg/L	WA	0
		Nonvolatile beta	1.2E+02	7.8E+00	1.1E+01	5.5E+00	1		pCi/L	GP	0
●		pH	5.5	6.6	5.2	5.6	1	J	pH	WA	0
		Phenols	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Potassium, total recoverable	927	700	1,060	975	1		µg/L	WA	0
		Propionitrile	<50	<50	<50	<50	1		µg/L	WA	0
		Radium, total alpha-emitting				3.7E+00	1		pCi/L	GP	0
		Radium-226	2.7E+00	1.4E+00	6.1E-01				pCi/L		
		Radium-228	2.5E+00	1.3E+00	3.9E+00				pCi/L		
		Selenium, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Silica, total recoverable	6,190	5,490	5,600	5,440	2.1		µg/L	WA	0
		Silver, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Sodium, total recoverable	1,550	1,530	1,500	1,490	1		µg/L	WA	0
		Specific conductance	83	80	111	119	1		µS/cm	WA	0
		Styrene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Sulfate	29,100	33,100	39,700	49,300	10		µg/L	WA	0
		1,1,1,2-Tetrachloroethane	<10	<10	<10	<10	1		µg/L	WA	0
		1,1,2,2-Tetrachloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Tetrachloroethylene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Toluene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Total dissolved solids	61,000	73,000	113,000	90,000	1		µg/L	WA	0
		Total organic carbon	1,140	<1,000	1,200	1,500	1		µg/L	WA	0
		Total organic halogens	<10	24	11	18	1		µg/L	WA	0
		Total phosphates (as P)	<50	<50	<50	314	1		µg/L	WA	0
		Total suspended solids	13,000	<1,000	19,000	<1,000	1		µg/L	GE	0
		Toxaphene	<1.1	<1.1	<1.1	<1.1	1.11		µg/L	WA	0
		2,4,5-TP (Silvex)	<0.55	<0.55	<0.54	<0.54	1.08		µg/L	WA	0
		1,1,1-Trichloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,1,2-Trichloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Trichloroethylene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Trichlorofluoromethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,2,3-Trichloropropane	<10	<10	<10	<10	1		µg/L	WA	0
		Tritium	2.5E+00	2.0E+00	1.8E+00	2.6E+00	1		pCi/mL	GP	0
		Vanadium, total recoverable	<3.0	<3.0	<3.0	<3.0	1		µg/L	WA	0
		Vinyl acetate	<10	<10	<10	<10	1		µg/L	WA	0
		Xylenes	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0

Note: Flagging, dilution factors, modifiers, and laboratories are for fourth quarter 1994 data only. See Appendix B for flagging criteria.

● = exceeded holding time for fourth quarter 1994.

■ = exceeded screening level or final PDWS for fourth quarter 1994.

WELL LFW 47C

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

SAMPLE DATE	12/19/93	03/28/94	06/06/94	09/12/94
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FIELD DATA

Analyte	1Q94	2Q94	3Q94	4Q94	Unit
Water elevation	148.3	149.0	148.2	148.1	ft msl
Depth to water	13.1	12.4	13.2	13.3	ft
pH	5.2	4.9	5.2	5.1	pH
Sp. conductance	41	29	36	35	µS/cm
Water temperature	17.8	18.6	18.4	18.1	°C
Alkalinity as CaCO ₃	1	0	1	1	mg/L
Turbidity	0	1	1	0	NTU
Volume purged	5.3	7.2	11.3	9.5	well vol.
Sampling code					

ANALYTICAL DATA

H	ST	Analyte	1Q94	2Q94	3Q94	4Q94	DF	Mod	Unit	Lab	Flag
		Acetone	<10	<10	<10	<40	1	J	µg/L	WA	0
		Acetonitrile (Methyl cyanide)	<20	<20	<5.0	<20	1		µg/L	WA	0
		Acrolein	<10	<10	<10	<10	1		µg/L	WA	0
		Acrylonitrile	<10	<10	<10	<10	1		µg/L	WA	0
		Allyl chloride	<100	<20	<20	<20	1		µg/L	WA	0
		Aluminum, total recoverable	<20	<20	<20	<20	1		µg/L	WA	0
		Arsenic, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Barium, total recoverable	4.4	<4.0	3.9	<4.0	1		µg/L	WA	0
		Benzene	<5.0	<5.0	<1.0	<5.0	1		µg/L	WA	0
		Bis(2-chloroisopropyl) ether			<10				µg/L		
		Bromodichloromethane	<5.0	<5.0	<1.0	<5.0	1		µg/L	WA	0
		Bromoform	<5.0	<5.0	<1.0	<5.0	1		µg/L	WA	0
		Bromomethane (Methyl bromide)	<10	<10	<1.0	<10	1		µg/L	WA	0
		Cadmium, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Calcium, total recoverable	1,120	755	832	808	1		µg/L	WA	0
		Carbon disulfide	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Carbon tetrachloride	<5.0	<5.0	<1.0	<5.0	1		µg/L	WA	0
		Chloride	4,860	3,020	3,100	3,120	1		µg/L	WA	0
		Chlorobenzene	<5.0	<5.0	<1.0	<5.0	1		µg/L	WA	0
		Chloroethane	<10	<10	<1.0	<10	1		µg/L	WA	0
		Chloroethene (Vinyl chloride)	3.9	<10	1.4	<10	1		µg/L	WA	0
		Chloroform	<5.0	<5.0	<1.0	<5.0	1		µg/L	WA	0
		Chloromethane (Methyl chloride)	<10	1.4	<1.0	2.5	1	J	µg/L	WA	0
		Chloroprene	<20	<100	<100	<100	1		µg/L	WA	0
		Chromium, total recoverable	<4.0	<4.0	<4.0	<4.0	1		µg/L	WA	0
		Copper, total recoverable	<4.0	<4.0	<4.0	<4.0	1		µg/L	WA	0
		Dibromochloromethane	<5.0	<5.0	<1.0	<5.0	1		µg/L	WA	0
		1,2-Dibromo-3-chloropropane	<20	<20	<5.0	<20	1		µg/L	WA	0
		1,2-Dibromoethane	<20	<20	<20	<20	1		µg/L	WA	0
		Dibromomethane	<10	<10	<1.0	<10	1		µg/L	WA	0
		trans-1,4-Dichloro-2-butene	<100	<100	<30	<100	1		µg/L	WA	0
		Dichlorodifluoromethane	<10	<10	<1.0	<10	1		µg/L	WA	0
		1,1-Dichloroethane	1.6	<5.0	<1.0	<5.0	1		µg/L	WA	0
		1,2-Dichloroethane	<5.0	<5.0	<1.0	<5.0	1		µg/L	WA	0
		1,1-Dichloroethylene	<5.0	<5.0	<1.0	<5.0	1		µg/L	WA	0
		trans-1,2-Dichloroethylene	<5.0	<5.0	<1.0	<5.0	1		µg/L	WA	0
		Dichloromethane	<5.0	<5.0	<1.0	<5.0	1		µg/L	WA	0
		2,4-Dichlorophenoxyacetic acid	<1.1	<1.1	<0.0073	<1.1	1.08		µg/L	WA	0
		1,2-Dichloropropane	<5.0	<5.0	<1.0	<5.0	1		µg/L	WA	0

Note: Flagging, dilution factors, modifiers, and laboratories are for fourth quarter 1994 data only. See Appendix B for flagging criteria.

● = exceeded holding time for fourth quarter 1994.

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Well LFW 47C continued

ANALYTICAL DATA

H	ST	Analyte	1Q94	2Q94	3Q94	4Q94	DF	Mod	Unit	Lab	Flag
		cis-1,3-Dichloropropene	<5.0	<5.0	<1.0	<5.0	1		µg/L	WA	0
		trans-1,3-Dichloropropene	<5.0	<5.0	<1.0	<5.0	1		µg/L	WA	0
		Endrin	<0.11	<0.11	<0.0060	<0.10	1.04		µg/L	WA	0
		Ethylbenzene	<5.0	<5.0	<1.0	<5.0	1		µg/L	WA	0
		Fluoride	<100	<100	<100	<100	1		µg/L	WA	0
		Gross alpha	1.2E+01	7.0E+00	4.5E+00	4.2E+00	1		pCi/L	GP	0
		2-Hexanone	<10	<10	<10	<10	1		µg/L	WA	0
		Iodomethane (Methyl iodide)	<10	<10	<10	<10	1		µg/L	WA	0
		Iron, total recoverable	25	6.4	13	19	1		µg/L	WA	0
		Isobutyl alcohol	<20	<20	<20	<20	1		µg/L	WA	0
		Lead, total recoverable	<3.0	<3.0	<3.0	4.8	1		µg/L	WA	0
		Lindane	<0.054	<0.055	<0.0050	<0.052	1.04		µg/L	WA	0
		Magnesium, total recoverable	1,620	1,070	1,210	1,060	1		µg/L	WA	0
		Manganese, total recoverable	7.3	4.6	6.4	5.9	1		µg/L	WA	0
		Mercury, total recoverable	0.28	<0.20	<0.20	<0.20	1		µg/L	WA	0
		Methacrylonitrile	<20	<20	<20	<20	1		µg/L	WA	0
		Methoxychlor	<0.54	<0.55	<0.50	<0.52	1.04		µg/L	WA	0
		Methyl ethyl ketone	<10	<10	<1.0	<10	1		µg/L	WA	0
		Methyl isobutyl ketone	<10	<10	<10	<10	1		µg/L	WA	0
		Nickel, total recoverable	<4.0	<4.0	<4.0	<4.0	1		µg/L	WA	0
		Nitrate as nitrogen	86	325	287	375	1		µg/L	WA	0
		Nitrate-nitrite as nitrogen			393				µg/L		
		Nonvolatile beta	1.1E+02	4.6E+00	3.4E+00	3.7E+00	1		pCi/L	GP	0
•		pH	5.5	6.5	5.7	5.4	1	J	pH	WA	0
		Phenols	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Potassium, total recoverable	502	<500	<500	<500	1		µg/L	WA	0
		Propionitrile	<50	<50	<50	<50	1		µg/L	WA	0
		Radium, total alpha-emitting			2.7E+00	2.1E+00	1		pCi/L	GP	0
		Radium-226	2.1E+00	1.9E+00	2.2E+00				pCi/L		
		Radium-228	2.8E+00	2.4E+00	2.2E+00				pCi/L		
		Selenium, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Silica, total recoverable	6,900	7,030	7,700	6,610	2.1		µg/L	WA	0
		Silver, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Sodium, total recoverable	2,500	1,660	2,010	1,710	1		µg/L	WA	0
		Specific conductance	29	23	28	28	1		µS/cm	WA	0
		Styrene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Sulfate	<1,000	<1,000	2,720	<1,000	1		µg/L	WA	0
		1,1,1,2-Tetrachloroethane	<10	<10	<1.0	<10	1		µg/L	WA	0
		1,1,2,2-Tetrachloroethane	<5.0	<5.0	<1.0	<5.0	1		µg/L	WA	0
		Tetrachloroethylene	<5.0	<5.0	<1.0	<5.0	1		µg/L	WA	0
		Toluene	<5.0	<5.0	<1.0	<5.0	1		µg/L	WA	0
		Total dissolved solids	30,000	37,000	38,000	70,000	1		µg/L	WA	0
		Total organic carbon	<1,000	<1,000	1,130	1,000	1		µg/L	WA	0
		Total organic halogens	24	19	12	17	1		µg/L	WA	0
		Total phosphates (as P)	<50	<50	65	<50	1		µg/L	WA	0
		Total suspended solids	<1,000	<1,000	<1,000	<1,000	1		µg/L	GE	0
		Toxaphene	<1.1	<1.1	<0.24	<1.0	1.04		µg/L	WA	0
		2,4,5-TP (Silvex)	<0.55	<0.55	<0.0022	<0.54	1.08		µg/L	WA	0
		1,1,1-Trichloroethane	<5.0	<5.0	<1.0	<5.0	1		µg/L	WA	0
		1,1,2-Trichloroethane	<5.0	<5.0	<1.0	<5.0	1		µg/L	WA	0
		Trichloroethylene	<5.0	<5.0	<1.0	<5.0	1		µg/L	WA	0
		Trichlorofluoromethane	<5.0	<5.0	<1.0	<5.0	1		µg/L	WA	0
		1,2,3-Trichloropropane	<10	<10	<1.0	<10	1		µg/L	WA	0
		Tritium	2.5E+00	2.7E+00	2.6E+00	2.5E+00	1		pCi/mL	GP	0
		Vanadium, total recoverable	<3.0	<3.0	<3.0	<3.0	1		µg/L	WA	0
		Vinyl acetate	<10	<10	<10	<10	1		µg/L	WA	0
		Xylenes	<5.0	<5.0	<2.0	<5.0	1		µg/L	WA	0

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• = exceeded holding time for fourth quarter 1994.

■ = exceeded screening level or final PDWS for fourth quarter 1994.

WELL LFW 47D

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

SAMPLE DATE	12/19/93	03/28/94	06/06/94	09/12/94
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FIELD DATA

Analyte	1Q94	2Q94	3Q94	4Q94	Unit
Water elevation	148.9	149.7	148.7	148.6	ft msl
Depth to water	12.8	12.0	13.0	13.1	ft
pH	5.2	5.1	5.0	5.1	pH
Sp. conductance	32	28	38	36	µS/cm
Water temperature	17.4	14.8	17.2	19.3	°C
Alkalinity as CaCO ₃	1	1	1	1	mg/L
Turbidity	1	1	0	1	NTU
Volume purged	31.6	32.1	18.1	17.3	well vol.
Sampling code					

ANALYTICAL DATA

H	ST	Analyte	1Q94	2Q94	3Q94	4Q94	DF	Mod	Unit	Lab	Flag
		Acetone	<10	<10	<10	<40	1	J	µg/L	WA	0
		Acetonitrile (Methyl cyanide)	<1.0	<20	<20	<20	1		µg/L	WA	0
		Acrolein	<10	<10	<10	<10	1		µg/L	WA	0
		Acrylonitrile	<10	<10	<10	<10	1		µg/L	WA	0
		Allyl chloride	<50	<20	<20	<20	1		µg/L	WA	0
		Aluminum, total recoverable	71	<20	<20	<20	1		µg/L	WA	0
		Arsenic, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Barium, total recoverable	14	11	12	12	1		µg/L	WA	0
		Benzene	<1.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Bis(2-chloroisopropyl) ether	<10						µg/L		
		Bromodichloromethane	<1.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Bromoform	<1.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Bromomethane (Methyl bromide)	<1.0	<10	<10	<10	1		µg/L	WA	0
		Cadmium, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Calcium, total recoverable	2,020	1,440	1,850	1,700	1		µg/L	WA	0
		Carbon disulfide	<1.0	1.7	<5.0	<5.0	1		µg/L	WA	0
		Carbon tetrachloride	<1.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Chloride	2,280	2,000	2,530	2,740	1		µg/L	WA	0
		Chlorobenzene	<1.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Chloroethane	<1.0	<10	<10	<10	1		µg/L	WA	0
		Chloroethene (Vinyl chloride)	<1.0	<10	<10	<10	1		µg/L	WA	0
		Chloroform	<1.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Chloromethane (Methyl chloride)	<1.0	<10	<10	9.6	1	J	µg/L	WA	1
		Chloroprene	<20	<100	<100	<100	1		µg/L	WA	0
		Chromium, total recoverable	<4.0	<4.0	<4.0	<4.0	1		µg/L	WA	0
		Copper, total recoverable	<4.0	<4.0	<4.0	<4.0	1		µg/L	WA	0
		Dibromochloromethane	<1.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,2-Dibromo-3-chloropropane	<1.0	<20	<20	<20	1		µg/L	WA	0
		1,2-Dibromoethane	<20	<20	<20	<20	1		µg/L	WA	0
		Dibromomethane	<1.0	<10	<10	<10	1		µg/L	WA	0
		trans-1,4-Dichloro-2-butene	<30	<100	<100	<100	1		µg/L	WA	0
		Dichlorodifluoromethane	<1.0	<10	<10	<10	1		µg/L	WA	0
		1,1-Dichloroethane	<1.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,2-Dichloroethane	<1.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,1-Dichloroethylene	<1.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		trans-1,2-Dichloroethylene	<1.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Dichloromethane	<1.0	<5.0	<17	<5.0	1		µg/L	WA	0
		2,4-Dichlorophenoxyacetic acid	<0.30	<1.1	<1.1	<1.1	1.09		µg/L	WA	0
		1,2-Dichloropropane	<1.0	<5.0	<5.0	<5.0	1		µg/L	WA	0

Note: Flagging, dilution factors, modifiers, and laboratories are for fourth quarter 1994 data only. See Appendix B for flagging criteria.

● = exceeded holding time for fourth quarter 1994.

■ = exceeded screening level or final PDWS for fourth quarter 1994.

Well LFW 47D continued

ANALYTICAL DATA

H	ST	Analyte	1Q94	2Q94	3Q94	4Q94	DF	Mod	Unit	Lab	Flag
		cis-1,3-Dichloropropene	<1.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		trans-1,3-Dichloropropene	<1.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Endrin	<0.0060	<0.11	<0.11	<0.11	1.06		µg/L	WA	0
		Ethylbenzene	<1.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Fluoride	<100	<100	<100	<100	1		µg/L	WA	0
		Gross alpha	5.6E+00	7.0E-01	4.0E-01	2.5E-02	1	UI	pCi/L	GP	0
		2-Hexanone	<1.0	<10	<10	<10	1		µg/L	WA	0
		Iodomethane (Methyl iodide)	<10	<10	<10	<10	1		µg/L	WA	0
		Iron, total recoverable	111	9.6	7.0	7.9	1		µg/L	WA	0
		Isobutyl alcohol	<20	<20	<20	<20	1		µg/L	WA	0
		Lead, total recoverable	<3.0	<3.0	33	<3.0	1		µg/L	WA	0
		Lindane	<0.0050	<0.055	<0.052	<0.053	1.06		µg/L	WA	0
		Magnesium, total recoverable	1,030	760	956	860	1		µg/L	WA	0
		Manganese, total recoverable	3.0	2.2	2.5	2.4	1		µg/L	WA	0
		Mercury, total recoverable	0.23	<0.20	<0.20	<0.20	1		µg/L	WA	0
		Methacrylonitrile	<20	<20	<20	<20	1		µg/L	WA	0
		Methoxychlor	<0.50	<0.55	<0.53	<0.53	1.06		µg/L	WA	0
		Methyl ethyl ketone	<1.0	<10	<10	<10	1		µg/L	WA	0
		Methyl isobutyl ketone	<1.0	<10	<10	<10	1		µg/L	WA	0
		Nickel, total recoverable	<4.0	<4.0	<4.0	<4.0	1		µg/L	WA	0
		Nitrate as nitrogen	272	202	121	260	1		µg/L	WA	0
		Nitrate-nitrite as nitrogen	230						µg/L		
		Nonvolatile beta	6.2E+01	1.3E+00	<6.7E-01	6.2E-01	1	UI	pCi/L	GP	0
•		pH	5.5	6.6	5.5	5.4	1	J	pH	WA	0
		Phenols	<5.0	<5.0	5.1	<5.0	1		µg/L	WA	0
		Potassium, total recoverable	846	<500	639	672	1		µg/L	WA	0
		Propionitrile	<50	<50	<50	<50	1		µg/L	WA	0
		Radium, total alpha-emitting	1.5E+00			0.0E+00	1	UI	pCi/L	GP	0
		Radium-226	7.3E-01	2.0E-01	5.2E-01				pCi/L		
		Radium-228	2.8E+00	3.0E-01	<2.5E-01				pCi/L		
		Selenium, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Silica, total recoverable	5,500	4,320	4,410	4,900	2.1		µg/L	WA	0
		Silver, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Sodium, total recoverable	882	926	777	740	1		µg/L	WA	0
		Specific conductance	29	22	29	31	1		µS/cm	WA	0
		Styrene	<1.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Sulfate	5,150	4,460	4,150	4,150	1		µg/L	WA	0
		1,1,1,2-Tetrachloroethane	<1.0	<10	<10	<10	1		µg/L	WA	0
		1,1,2,2-Tetrachloroethane	<1.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Tetrachloroethylene	<1.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Toluene	<1.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Total dissolved solids	33,000	36,000	36,000	30,000	1		µg/L	WA	0
		Total organic carbon	<1,000	<1,000	<1,000	<1,000	1		µg/L	WA	0
		Total organic halogens	5.8	5.2	<5.0	<5.0	1		µg/L	WA	0
		Total phosphates (as P)	59	<50	<50	346	1		µg/L	WA	0
		Total suspended solids	8,000	<1,000	<1,000	<1,000	1		µg/L	GE	0
		Toxaphene	<0.24	<1.1	<1.1	<1.1	1.06		µg/L	WA	0
		2,4,5-TP (Silvex)	<0.090	<0.56	<0.53	<0.55	1.09		µg/L	WA	0
		1,1,1-Trichloroethane	<1.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,1,2-Trichloroethane	<1.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Trichloroethylene	<1.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Trichlorofluoromethane	<1.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,2,3-Trichloropropane	<1.0	<10	<10	<10	1		µg/L	WA	0
		Tritium	3.8E+00	2.9E+00	2.1E+00	2.8E+00	1		pCi/mL	GP	0
		Vanadium, total recoverable	<3.0	<3.0	<3.0	<3.0	1		µg/L	WA	0
		Vinyl acetate	<1.0	<10	<10	<10	1		µg/L	WA	0
		Xylenes	<2.0	<5.0	<5.0	<5.0	1		µg/L	WA	0

Note: Flagging, dilution factors, modifiers, and laboratories are for fourth quarter 1994 data only. See Appendix B for flagging criteria.

• = exceeded holding time for fourth quarter 1994.

■ = exceeded screening level or final PDWS for fourth quarter 1994.

WELL LFW 48C

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

SAMPLE DATE	12/19/93	03/25/94	06/06/94	09/08/94
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FIELD DATA

Analyte	1Q94	2Q94	3Q94	4Q94	Unit
Water elevation	148.5	149.3	148.2	148.0	ft msl
Depth to water	20.8	20.0	21.1	21.3	ft
pH	5.5	5.4	5.3	5.5	pH
Sp. conductance	26	31	30	34	µS/cm
Water temperature	18.6	19.5	19.1	19.3	°C
Alkalinity as CaCO ₃	1	1	1	2	mg/L
Turbidity	1	0	1	1	NTU
Volume purged	9.8	5.9	8.9	5.0	well vol.
Sampling code					

ANALYTICAL DATA

H	ST	Analyte	1Q94	2Q94	3Q94	4Q94	DF	Mod	Unit	Lab	Flag
		Acetone	<10	<10	<10	<25	1	J	µg/L	WA	0
		Acetonitrile (Methyl cyanide)	<20	<5.0	<20	<20	1		µg/L	WA	0
		Acrolein	<10	<10	<10	<10	1		µg/L	WA	0
		Acrylonitrile	<10	<10	<10	<10	1		µg/L	WA	0
		Aldrin		<0.050					µg/L		
		Allyl chloride	<100	<20	<20	<20	1		µg/L	WA	0
		Aluminum, total recoverable	<20	<20	<20	<20	1		µg/L	WA	0
		Arsenic, total recoverable	<2.0	<2.0	<2.0	3.0	1		µg/L	WA	0
		Barium, total recoverable	11	17	11	13	1		µg/L	WA	0
		Benzene	<5.0	<1.0	<5.0	<5.0	1		µg/L	WA	0
		Bis(2-chloroisopropyl) ether		<10					µg/L		
		Bromodichloromethane	<5.0	<1.0	<5.0	<5.0	1		µg/L	WA	0
		Bromoform	<5.0	<1.0	<5.0	<5.0	1		µg/L	WA	0
		Bromomethane (Methyl bromide)	<10	<1.0	<10	<10	1		µg/L	WA	0
		Cadmium, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Calcium, total recoverable	995	1,300	917	1,150	1		µg/L	WA	0
		Carbon disulfide	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Carbon tetrachloride	<5.0	<1.0	<5.0	<5.0	1		µg/L	WA	0
		Chloride	3,000	3,330	3,050	3,090	1		µg/L	WA	0
		Chlorobenzene	<5.0	<1.0	<5.0	<5.0	1		µg/L	WA	0
		Chloroethane	<10	<1.0	<10	<10	1		µg/L	WA	0
		Chloroethene (Vinyl chloride)	<10	<1.0	<10	<10	1		µg/L	WA	0
		Chloroform	<5.0	<1.0	<5.0	<5.0	1		µg/L	WA	0
		Chloromethane (Methyl chloride)	<10	<1.0	<10	6.4	1	J	µg/L	WA	1
		Chloroprene	<20	<100	<100	<100	1		µg/L	WA	0
		Chromium, total recoverable	<4.0	<4.0	<4.0	<4.0	1		µg/L	WA	0
		Copper, total recoverable	<4.0	16	<4.0	<4.0	1		µg/L	WA	0
		p,p'-DDT		<0.10					µg/L		
		Dibromochloromethane	<5.0	<1.0	<5.0	<5.0	1		µg/L	WA	0
		1,2-Dibromo-3-chloropropane	<20	<5.0	<20	<20	1		µg/L	WA	0
		1,2-Dibromoethane	<20	<20	<20	<20	1		µg/L	WA	0
		Dibromomethane	<10	<1.0	<10	<10	1		µg/L	WA	0
		trans-1,4-Dichloro-2-butene	<100	<30	<100	<100	1		µg/L	WA	0
		Dichlorodifluoromethane	1.1	1.2	<10	<10	1		µg/L	WA	0
		1,1-Dichloroethane	2.2	3.3	2.0	2.6	1	J	µg/L	WA	0
		1,2-Dichloroethane	<5.0	1.0	<5.0	<5.0	1		µg/L	WA	0
		1,1-Dichloroethylene	<5.0	<1.0	<5.0	<5.0	1		µg/L	WA	0
		trans-1,2-Dichloroethylene	<5.0	<1.0	<5.0	<5.0	1		µg/L	WA	0
		Dichloromethane	<5.0	<1.0	<17	<5.0	1		µg/L	WA	0

Note: Flagging, dilution factors, modifiers, and laboratories are for fourth quarter 1994 data only. See Appendix B for flagging criteria.

● = exceeded holding time for fourth quarter 1994.

■ = exceeded screening level or final PDWS for fourth quarter 1994.

Well LFW 48C continued

ANALYTICAL DATA

H	ST	Analyte	1Q94	2Q94	3Q94	4Q94	DF	Mod	Unit	Lab	Flag
		2,4-Dichlorophenoxyacetic acid	<1.1	<0.0015	<1.1	<1.1	1.06		µg/L	WA	0
		1,2-Dichloropropane	<5.0	<1.0	<5.0	<5.0	1		µg/L	WA	0
		cis-1,3-Dichloropropene	<5.0	<1.0	<5.0	<5.0	1		µg/L	WA	0
		trans-1,3-Dichloropropene	<5.0	<1.0	<5.0	<5.0	1		µg/L	WA	0
		Dieldrin		<0.50					µg/L		
		Endrin	<0.11	<0.0060	<0.10	<0.10	1.04		µg/L	WA	0
		Ethylbenzene	<5.0	<1.0	<5.0	<5.0	1		µg/L	WA	0
		Fluoride	<100	<100	<100	415	1		µg/L	WA	0
		Gross alpha	3.6E+00	1.8E+00	1.9E+00	1.3E+00	1	J	pCi/L	GP	0
		Heptachlor		<0.050					µg/L		
		2-Hexanone	<10	<10	<10	<10	1		µg/L	WA	0
		Iodomethane (Methyl iodide)	<10	<10	<10	<10	1		µg/L	WA	0
		Iron, total recoverable	13	8.2	11	31	1		µg/L	WA	0
		Isobutyl alcohol	<20	<20	<20	<20	1		µg/L	WA	0
		Lead, total recoverable	<3.0	<3.0	3.0	<3.0	1		µg/L	WA	0
		Lindane	<0.055	<0.0050	<0.052	<0.052	1.04		µg/L	WA	0
		Magnesium, total recoverable	401	463	371	397	1		µg/L	WA	0
		Manganese, total recoverable	10	13	9.0	10	1		µg/L	WA	0
■		Mercury, total recoverable	4.8	5.1	3.0	3.7	1		µg/L	WA	2
		Methacrylonitrile	<20	<20	<20	<20	1		µg/L	WA	0
		Methoxychlor	<0.55	<0.50	<0.52	<0.52	1.04		µg/L	WA	0
		Methyl ethyl ketone	<10	<1.0	<10	<10	1		µg/L	WA	0
		Methyl isobutyl ketone	<10	<10	<10	<10	1		µg/L	WA	0
		Nickel, total recoverable	<4.0	<4.0	<4.0	<4.0	1		µg/L	WA	0
		Nitrate as nitrogen	295	494	445	503	1		µg/L	WA	0
		Nitrate-nitrite as nitrogen		490					µg/L		
		Nonvolatile beta	6.2E+01	2.2E+00	1.0E+00	1.2E+00	1	UI	pCi/L	GP	0
•		pH	5.5	5.8	5.6	5.7	1	J	pH	WA	0
		Phenols	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Potassium, total recoverable	<500	549	<500	<500	1		µg/L	WA	0
		Propionitrile	<50	<50	<50	<50	1		µg/L	WA	0
		Radium, total alpha-emitting		7.0E-01		6.0E-01	1	J	pCi/L	GP	0
		Radium-226	4.5E-01	5.5E-01	8.7E-01				pCi/L		
		Radium-228	1.1E+00	7.0E-01	1.5E+00				pCi/L		
		Selenium, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Silica, total recoverable	6,420	7,100	6,430	6,440	2.1		µg/L	WA	0
		Silver, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Sodium, total recoverable	2,070	2,920	2,080	2,430	1		µg/L	WA	0
		Specific conductance	18	31	24	29	1		µS/cm	WA	0
		Styrene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Sulfate	<1,000	<1,000	<1,000	<1,000	1		µg/L	WA	0
		1,1,1,2-Tetrachloroethane	<10	<1.0	<10	<10	1		µg/L	WA	0
		1,1,2,2-Tetrachloroethane	<5.0	<1.0	<5.0	<5.0	1		µg/L	WA	0
		Tetrachloroethylene	<5.0	<1.0	<5.0	<5.0	1		µg/L	WA	0
		Toluene	<5.0	<1.0	<5.0	<5.0	1		µg/L	WA	0
		Total dissolved solids	21,000	37,000	34,000	38,000	1		µg/L	WA	0
		Total organic carbon	<1,000	<1,000	<1,000	1,100	1		µg/L	WA	0
		Total organic halogens	13	31	13	27	1		µg/L	WA	1
		Total phosphates (as P)	<50	52	<50	1,030	5		µg/L	WA	0
		Total suspended solids	<1,000	<1,000	<1,000	<1,000	1		µg/L	GE	0
		Toxaphene	<1.1	<0.24	<1.0	<1.0	1.04		µg/L	WA	0
		2,4,5-TP (Silvex)	<0.55	<0.00046	<0.55	<0.53	1.06		µg/L	WA	0
		1,1,1-Trichloroethane	<5.0	<1.0	<5.0	<5.0	1		µg/L	WA	0
		1,1,2-Trichloroethane	<5.0	<1.0	<5.0	<5.0	1		µg/L	WA	0
		Trichloroethylene	<5.0	<1.0	<5.0	<5.0	1		µg/L	WA	0
		Trichlorofluoromethane	<5.0	1.1	<5.0	<5.0	1		µg/L	WA	0
		1,2,3-Trichloropropane	<10	<1.0	<10	<10	1		µg/L	WA	0
		Tritium	3.1E+00	3.4E+00	3.0E+00	3.3E+00	1		pCi/mL	GP	0
		Vanadium, total recoverable	<3.0	<3.0	<3.0	<3.0	1		µg/L	WA	0
		Vinyl acetate	<10	<10	<10	<10	1		µg/L	WA	0
		Xylenes	<5.0	<2.0	<5.0	<5.0	1		µg/L	WA	0

Note: Flagging, dilution factors, modifiers, and laboratories are for fourth quarter 1994 data only. See Appendix B for flagging criteria.

• = exceeded holding time for fourth quarter 1994.

■ = exceeded screening level or final PDWS for fourth quarter 1994.

WELL LFW 48D

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

SAMPLE DATE	12/19/93	03/25/94	06/06/94	09/08/94
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FIELD DATA

Analyte	1Q94	2Q94	3Q94	4Q94	Unit
Water elevation	148.6	149.7	148.6	148.3	ft msl
Depth to water	20.9	19.8	20.9	21.2	ft
pH	7.1	6.8	6.9	6.7	pH
Sp. conductance	428	520	552	447	µS/cm
Water temperature	18.7	18.7	18.9	19.4	°C
Alkalinity as CaCO ₃	182	194	215	177	mg/L
Turbidity	0	0	1	1	NTU
Volume purged	15.6	20.3	16.0	15.8	well vol.
Sampling code					

ANALYTICAL DATA

H	ST	Analyte	1Q94	2Q94	3Q94	4Q94	DF	Mod	Unit	Lab	Flag
		Acetone	<10	<35	<10	<25	1	J	µg/L	WA	0
		Acetonitrile (Methyl cyanide)	<20	<20	<20	<20	1		µg/L	WA	0
		Acrolein	<10	<10	<10	<10	1		µg/L	WA	0
		Acrylonitrile	<10	<10	<10	<10	1		µg/L	WA	0
		Allyl chloride	<100	<20	<20	<20	1		µg/L	WA	0
		Aluminum, total recoverable	<20	31	<20	<20	1		µg/L	WA	0
		Arsenic, total recoverable	17	14	12	12	1		µg/L	WA	0
		Barium, total recoverable	4.5	7.6	6.0	5.6	1		µg/L	WA	0
		Benzene	3.8	4.3	3.1	3.5	1	J	µg/L	WA	1
		Bromodichloromethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Bromoform	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Bromomethane (Methyl bromide)	<10	<10	<10	<10	1		µg/L	WA	0
		Cadmium, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Calcium, total recoverable	6,300	8,180	8,240	7,010	1		µg/L	WA	0
		Carbon disulfide	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Carbon tetrachloride	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Chloride	23,800	22,100	25,300	22,600	10		µg/L	WA	0
		Chlorobenzene	68	68	56	39	1		µg/L	WA	0
		Chloroethane	6.4	8.5	<10	<10	1		µg/L	WA	0
■		Chloroethane (Vinyl chloride)	87	103	118	96	1		µg/L	WA	2
		Chloroform	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Chloromethane (Methyl chloride)	<10	<10	<10	<10	1		µg/L	WA	0
		Chloroprene	<20	<100	<100	<100	1		µg/L	WA	0
		Chromium, total recoverable	<4.0	<4.0	<4.0	<4.0	1		µg/L	WA	0
		Copper, total recoverable	<4.0	<4.0	<4.0	8.3	1		µg/L	WA	0
		Dibromochloromethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,2-Dibromo-3-chloropropane	<20	<20	<20	<20	1		µg/L	WA	0
		1,2-Dibromoethane	<20	<20	<20	<20	1		µg/L	WA	0
		Dibromomethane	<10	<10	<10	<10	1		µg/L	WA	0
		trans-1,4-Dichloro-2-butene	<100	<100	<100	<100	1		µg/L	WA	0
		Dichlorodifluoromethane	5.0	4.8	4.3	<10	1		µg/L	WA	0
		1,1-Dichloroethane	38	28	40	43	1		µg/L	WA	2
		1,2-Dichloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,1-Dichloroethylene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		trans-1,2-Dichloroethylene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Dichloromethane	7.3	<20	<17	1.5	1	J	µg/L	WA	0
		2,4-Dichlorophenoxyacetic acid	<1.1	<1.1	<1.1	<1.1	1.09		µg/L	WA	0
		1,2-Dichloropropane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		cis-1,3-Dichloropropene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0

Note: Flagging, dilution factors, modifiers, and laboratories are for fourth quarter 1994 data only. See Appendix B for flagging criteria.

● = exceeded holding time for fourth quarter 1994.

■ = exceeded screening level or final PDWS for fourth quarter 1994.

Well LFW 48D continued

ANALYTICAL DATA

H	ST	Analyte	1Q94	2Q94	3Q94	4Q94	DF	Mod	Unit	Lab	Flag
		trans-1,3-Dichloropropene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Endrin	<0.11	<0.11	<0.10	<0.11	1.11		µg/L	WA	0
		Ethylbenzene	4.9	3.7	4.5	2.8	1	J	µg/L	WA	0
		Fluoride	229	191	194	202	1		µg/L	WA	0
		Gross alpha	5.6E+00	2.6E+00	8.9E+00	5.1E+00	1		pCi/L	GP	0
		2-Hexanone	<10	<10	<10	<10	1		µg/L	WA	0
		Iodomethane (Methyl iodide)	<10	<10	<10	<10	1		µg/L	WA	0
		Iron, total recoverable	61,800	73,600	83,900	68,400	5		µg/L	WA	2
		Isobutyl alcohol	<20	<20	<20	<20	1		µg/L	WA	0
		Lead, total recoverable	<3.0	<3.0	<3.0	<3.0	1		µg/L	WA	0
		Lindane	<0.054	<0.056	<0.052	<0.056	1.11		µg/L	WA	0
		Magnesium, total recoverable	12,300	14,300	14,700	9,420	1		µg/L	WA	0
		Manganese, total recoverable	23	24	23	19	1		µg/L	WA	0
		Mercury, total recoverable	<0.20	<0.20	<0.20	<0.20	1		µg/L	WA	0
		Methacrylonitrile	<20	<20	<20	<20	1		µg/L	WA	0
		Methoxychlor	<0.54	<0.56	<0.52	<0.56	1.11		µg/L	WA	0
		Methyl ethyl ketone	<10	<10	<10	<10	1		µg/L	WA	0
		Methyl isobutyl ketone	<10	<10	<10	<10	1		µg/L	WA	0
		Nickel, total recoverable	<4.0	<4.0	<4.0	<4.0	1		µg/L	WA	0
		Nitrate as nitrogen	366	<20	<20	<20	1		µg/L	WA	0
		Nonvolatile beta	3.3E+01	1.1E+01	1.4E+01	9.9E+00	1		pCi/L	GP	0
•		pH	6.3	6.2	6.2	6.2	1	J	pH	WA	0
		Phenols	9.4	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Potassium, total recoverable	1,970	2,360	2,610	2,070	1		µg/L	WA	0
		Propionitrile	<50	<50	<50	<50	1		µg/L	WA	0
		Radium, total alpha-emitting				3.0E+00	1		pCi/L	GP	0
		Radium-226	1.4E+00	1.4E+00	2.2E+00				pCi/L		
		Radium-228	1.1E+01	7.9E+00	5.1E+00				pCi/L		
		Selenium, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Silica, total recoverable	5,490	7,400	6,360	5,920	2.1		µg/L	WA	0
		Silver, total recoverable	<2.0	<2.0	<2.0	2.8	1		µg/L	WA	0
		Sodium, total recoverable	17,200	20,100	20,300	16,900	1		µg/L	WA	0
		Specific conductance	225	249	279	233	1		µS/cm	WA	0
		Styrene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Sulfate	<1,000	<1,000	<1,000	<1,000	1		µg/L	WA	0
		1,1,1,2-Tetrachloroethane	<10	<10	<10	<10	1		µg/L	WA	0
		1,1,2,2-Tetrachloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Tetrachloroethylene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Toluene	<5.0	3.6	3.0	4.5	1	J	µg/L	WA	0
		Total dissolved solids	115,000	143,000	145,000	135,000	1		µg/L	WA	0
		Total organic carbon	4,540	5,700	5,110	5,900	1		µg/L	WA	1
		Total organic halogens	202	125	319	297	4		µg/L	WA	2
		Total phosphates (as P)	<50	<50	<50	401	1		µg/L	WA	0
		Total suspended solids	123,000	12,000	112,000	105,000	1		µg/L	GE	0
		Toxaphene	<1.1	<1.1	<1.0	<1.1	1.11		µg/L	WA	0
		2,4,5-TP (Silvex)	<0.55	<0.55	<0.55	<0.55	1.09		µg/L	WA	0
		1,1,1-Trichloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,1,2-Trichloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Trichloroethylene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Trichlorofluoromethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,2,3-Trichloropropane	<10	<10	<10	<10	1		µg/L	WA	0
		Tritium	6.0E+00	7.5E+00	6.5E+00	7.5E+00	1		pCi/mL	GP	0
		Vanadium, total recoverable	<3.0	<3.0	<3.0	<3.0	1		µg/L	WA	0
		Vinyl acetate	<10	<10	<10	<10	1		µg/L	WA	0
		Xylenes	14	8.5	9.9	9.9	1		µg/L	WA	0

Note: Flagging, dilution factors, modifiers, and laboratories are for fourth quarter 1994 data only. See Appendix B for flagging criteria.

● = exceeded holding time for fourth quarter 1994.

■ = exceeded screening level or final PDWS for fourth quarter 1994.

WELL LFW 55C

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

SAMPLE DATE	12/19/93	03/28/94	06/03/94	09/09/94
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FIELD DATA

Analyte	1Q94	2Q94	3Q94	4Q94	Unit
Water elevation	146.4	147.3	146.3	146.2	ft msl
Depth to water	10.0	9.1	10.1	10.2	ft
pH	5.2	5.3	5.1	5.2	pH
Sp. conductance	28	29	33	30	µS/cm
Water temperature	18.3	18.5	18.9	18.8	°C
Alkalinity as CaCO ₃	1	0	0	0	mg/L
Turbidity	0	0	0	0	NTU
Volume purged	7.6	9.6	9.9	5.7	well vol.
Sampling code					

ANALYTICAL DATA

H	ST	Analyte	1Q94	2Q94	3Q94	4Q94	DF	Mod	Unit	Lab	Flag
		Acetone	<10	<10	<10	<30	1	J	µg/L	WA	0
		Acetonitrile (Methyl cyanide)	<20	<20	<20	<20	1		µg/L	WA	0
		Acrolein	<10	<10	<10	<10	1		µg/L	WA	0
		Acrylonitrile	<10	<10	<10	<10	1		µg/L	WA	0
		Allyl chloride	<100	<20	<20	<20	1		µg/L	WA	0
		Aluminum, total recoverable	<20	<20	<20	<20	1		µg/L	WA	0
		Arsenic, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Barium, total recoverable	<4.0	<4.0	<4.0	<4.0	1		µg/L	WA	0
		Benzene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Bromodichloromethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Bromoform	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Bromomethane (Methyl bromide)	<10	<10	<10	<10	1		µg/L	WA	0
		Cadmium, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Calcium, total recoverable	786	642	720	611	1		µg/L	WA	0
		Carbon disulfide	<5.0	4.1	<5.0	<5.0	1		µg/L	WA	0
		Carbon tetrachloride	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Chloride	2,380	2,190	2,920	2,440	1		µg/L	WA	0
		Chlorobenzene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Chloroethane	<10	<10	<10	<10	1		µg/L	WA	0
		Chloroethene (Vinyl chloride)	<10	<10	<10	<10	1		µg/L	WA	0
		Chloroform	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Chloromethane (Methyl chloride)	<10	<10	<10	5.8	1	J	µg/L	WA	1
		Chloroprene	<20	<100	<100	<100	1		µg/L	WA	0
		Chromium, total recoverable	<4.0	<4.0	<4.0	<4.0	1		µg/L	WA	0
		Copper, total recoverable	<4.0	<4.0	<4.0	<4.0	1		µg/L	WA	0
		Dibromochloromethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,2-Dibromo-3-chloropropane	<20	<20	<20	<20	1		µg/L	WA	0
		1,2-Dibromoethane	<20	<20	<20	<20	1		µg/L	WA	0
		Dibromomethane	<10	<10	<10	<10	1		µg/L	WA	0
		trans-1,4-Dichloro-2-butene	<100	<100	<100	<100	1		µg/L	WA	0
		Dichlorodifluoromethane	<10	<10	<10	<10	1		µg/L	WA	0
		1,1-Dichloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,2-Dichloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,1-Dichloroethylene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		trans-1,2-Dichloroethylene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Dichloromethane	<5.0	<5.0	<5.0	1.2	1	J	µg/L	WA	0
		2,4-Dichlorophenoxyacetic acid	<1.1	<1.1	<1.1	<1.1	1.08		µg/L	WA	0
		1,2-Dichloropropane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		cis-1,3-Dichloropropene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0

Note: Flagging, dilution factors, modifiers, and laboratories are for fourth quarter 1994 data only. See Appendix B for flagging criteria.

- = exceeded holding time for fourth quarter 1994.
- = exceeded screening level or final PDWS for fourth quarter 1994.

Well LFW 55C continued

ANALYTICAL DATA

H	ST	Analyte	1Q94	2Q94	3Q94	4Q94	DF	Mod	Unit	Lab	Flag
		trans-1,3-Dichloropropene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Endrin	<0.11	<0.11	<0.11	<0.11	1.06		µg/L	WA	0
		Ethylbenzene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Fluoride	<100	<100	<100	<100	1		µg/L	WA	0
		Gross alpha	3.5E+00	2.6E+00	4.0E+00	1.7E+00	1	J	pCi/L	GP	0
		2-Hexanone	<10	<10	<10	<10	1		µg/L	WA	0
		Iodomethane (Methyl iodide)	<10	<10	<10	<10	1		µg/L	WA	0
		Iron, total recoverable	31	6.9	34	22	1		µg/L	WA	0
		Isobutyl alcohol	<20	<20	<20	<20	1		µg/L	WA	0
		Lead, total recoverable	<3.0	<3.0	3.0	<3.0	1		µg/L	WA	0
		Lindane	<0.054	<0.055	<0.055	<0.053	1.06		µg/L	WA	0
		Magnesium, total recoverable	908	781	768	566	1		µg/L	WA	0
		Manganese, total recoverable	4.5	4.2	5.2	3.7	1		µg/L	WA	0
		Mercury, total recoverable	0.24	<0.20	<0.20	<0.20	1		µg/L	WA	0
		Methacrylonitrile	<20	<20	<20	<20	1		µg/L	WA	0
		Methoxychlor	<0.54	<0.55	<0.55	<0.53	1.06		µg/L	WA	0
		Methyl ethyl ketone	<10	<10	<10	<10	1		µg/L	WA	0
		Methyl isobutyl ketone	<10	<10	<10	<10	1		µg/L	WA	0
		Nickel, total recoverable	<4.0	<4.0	<4.0	<4.0	1		µg/L	WA	0
		Nitrate as nitrogen	288	761	647	845	1		µg/L	WA	0
		Nonvolatile beta	2.8E+01	2.1E+00	2.7E+00	1.3E+00	1	UI	pCi/L	GP	0
•		pH	5.8	6.5	5.2	5.4	1	J	pH	WA	0
		Phenols	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Potassium, total recoverable	<500	<500	<500	<500	1		µg/L	WA	0
		Propionitrile	<50	<50	<50	<50	1		µg/L	WA	0
		Radium, total alpha-emitting				1.8E+00	1		pCi/L	GP	0
		Radium-226	1.0E+00	8.3E-01	1.5E+00				pCi/L		
		Radium-228	5.0E+00	<7.0E-02	<1.1E-01				pCi/L		
		Selenium, total recoverable	<2.0	<2.0	<2.0	<2.0	1	J	µg/L	WA	0
		Silica, total recoverable	7,420	8,010	7,290	6,280	2.1	J	µg/L	WA	0
		Silver, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Sodium, total recoverable	1,750	1,620	2,030	1,440	1		µg/L	WA	0
		Specific conductance	21	20	25	23	1		µS/cm	WA	0
		Styrene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Sulfate	<1,000	<1,000	<1,000	<1,000	1		µg/L	WA	0
		1,1,1,2-Tetrachloroethane	<10	<10	<10	<10	1		µg/L	WA	0
		1,1,2,2-Tetrachloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Tetrachloroethylene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Toluene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Total dissolved solids	22,000	29,000	24,000	25,000	1		µg/L	WA	0
		Total organic carbon	<1,000	<1,000	<1,000	<1,000	1		µg/L	WA	0
		Total organic halogens	<5.0	<5.0	7.7	6.3	1		µg/L	WA	0
		Total phosphates (as P)	<50	<50	<50	<50	1		µg/L	WA	0
		Total suspended solids	<1,000	<1,000	<1,000	<1,000	1		µg/L	GE	0
		Toxaphene	<1.1	<1.1	<1.1	<1.1	1.06		µg/L	WA	0
		2,4,5-TP (Silvex)	<0.55	<0.55	<0.56	<0.54	1.08		µg/L	WA	0
		1,1,1-Trichloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,1,2-Trichloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Trichloroethylene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Trichlorofluoromethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,2,3-Trichloropropane	<10	<10	<10	<10	1		µg/L	WA	0
		Tritium	1.5E+00	8.1E-01	1.5E+00	1.9E+00	1		pCi/mL	GP	0
		Vanadium, total recoverable	<3.0	<3.0	<3.0	<3.0	1		µg/L	WA	0
		Vinyl acetate	<10	<10	<10	<10	1		µg/L	WA	0
		Xylenes	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0

Note: Flagging, dilution factors, modifiers, and laboratories are for fourth quarter 1994 data only. See Appendix B for flagging criteria.

• = exceeded holding time for fourth quarter 1994.

■ = exceeded screening level or final PDWS for fourth quarter 1994.

WELL LFW 55D

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

SAMPLE DATE	12/19/93	03/28/94	06/03/94	09/09/94
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FIELD DATA

Analyte	1Q94	2Q94	3Q94	4Q94	Unit
Water elevation	146.6	147.3	146.3	146.3	ft msl
Depth to water	8.8	8.1	9.1	9.1	ft
pH	5.2	5.2	5.4	5.1	pH
Sp. conductance	36	35	45	40	µS/cm
Water temperature	17.6	16.4	18.5	19.4	°C
Alkalinity as CaCO ₃	1	0	1	1	mg/L
Turbidity	1	0	0	0	NTU
Volume purged	10.6	10.6	10.8	6.6	well vol.
Sampling code					

ANALYTICAL DATA

H	ST	Analyte	1Q94	2Q94	3Q94	4Q94	DF	Mod	Unit	Lab	Flag
		Acetone	<10	<10	<10	<30	1	J	µg/L	WA	0
		Acetonitrile (Methyl cyanide)	<20	<20	<20	<20	1		µg/L	WA	0
		Acrolein	<10	<10	<10	<10	1		µg/L	WA	0
		Acrylonitrile	<10	<10	<10	<10	1		µg/L	WA	0
		Allyl chloride	<100	<20	<20	<20	1		µg/L	WA	0
		Aluminum, total recoverable	<20	<20	<20	<20	1		µg/L	WA	0
		Arsenic, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Barium, total recoverable	11	11	5.2	8.2	1		µg/L	WA	0
		Benzene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Bromodichloromethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Bromoform	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Bromomethane (Methyl bromide)	<10	<10	<10	<10	1		µg/L	WA	0
		Cadmium, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Calcium, total recoverable	1,650	1,340	1,890	1,610	1		µg/L	WA	0
		Carbon disulfide	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Carbon tetrachloride	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Chloride	2,600	2,290	2,480	2,690	1		µg/L	WA	0
		Chlorobenzene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Chloroethane	<10	<10	<10	<10	1		µg/L	WA	0
		Chloroethene (Vinyl chloride)	<10	<10	<10	<10	1		µg/L	WA	0
		Chloroform	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Chloromethane (Methyl chloride)	<10	<10	<10	6.8	1	J	µg/L	WA	1
		Chloroprene	<20	<100	<100	<100	1		µg/L	WA	0
		Chromium, total recoverable	<4.0	<4.0	<4.0	<4.0	1		µg/L	WA	0
		Copper, total recoverable	6.8	<4.0	6.0	<4.0	1		µg/L	WA	0
		Dibromochloromethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,2-Dibromo-3-chloropropane	<20	<20	<20	<20	1		µg/L	WA	0
		1,2-Dibromoethane	<20	<20	<20	<20	1		µg/L	WA	0
		Dibromomethane	<10	<10	<10	<10	1		µg/L	WA	0
		trans-1,4-Dichloro-2-butene	<100	<100	<100	<100	1		µg/L	WA	0
		Dichlorodifluoromethane	<10	<10	<10	<10	1		µg/L	WA	0
		1,1-Dichloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,2-Dichloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,1-Dichloroethylene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		trans-1,2-Dichloroethylene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Dichloromethane	<5.0	1.1	<5.0	1.2	1	J	µg/L	WA	0
		2,4-Dichlorophenoxyacetic acid	<1.1	<1.1	<1.1	<1.1	1.05		µg/L	WA	0
		1,2-Dichloropropane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		cis-1,3-Dichloropropene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0

Note: Flagging, dilution factors, modifiers, and laboratories are for fourth quarter 1994 data only. See Appendix B for flagging criteria.

● = exceeded holding time for fourth quarter 1994.

■ = exceeded screening level or final PDWS for fourth quarter 1994.

Well LFW 55D continued

ANALYTICAL DATA

H	ST	Analyte	1Q94	2Q94	3Q94	4Q94	DF	Mod	Unit	Lab	Flag
		trans-1,3-Dichloropropene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Endrin	<0.11	<0.11	<0.11	<0.11	1.05		µg/L	WA	0
		Ethylbenzene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Fluoride	<100	<100	<100	<100	1		µg/L	WA	0
		Gross alpha	3.6E+00	2.3E+00	2.4E+00	1.4E+00	1	J	pCi/L	GP	0
		2-Hexanone	<10	<10	<10	<10	1		µg/L	WA	0
		Iodomethane (Methyl iodide)	<10	<10	<10	<10	1		µg/L	WA	0
		Iron, total recoverable	144	94	26	82	1		µg/L	WA	0
		Isobutyl alcohol	<20	<20	<20	<20	1		µg/L	WA	0
		Lead, total recoverable	<3.0	<3.0	3.7	<3.0	1		µg/L	WA	0
		Lindane	<0.055	<0.053	<0.054	<0.052	1.05		µg/L	WA	0
		Magnesium, total recoverable	1,220	1,080	1,370	1,150	1		µg/L	WA	0
		Manganese, total recoverable	5.3	6.1	2.8	3.4	1		µg/L	WA	0
		Mercury, total recoverable	<0.20	<0.20	<0.20	<0.20	1		µg/L	WA	0
		Methacrylonitrile	<20	<20	<20	<20	1		µg/L	WA	0
		Methoxychlor	<0.55	<0.53	<0.54	<0.53	1.05		µg/L	WA	0
		Methyl ethyl ketone	<10	<10	<10	<10	1		µg/L	WA	0
		Methyl isobutyl ketone	<10	<10	<10	<10	1		µg/L	WA	0
		Nickel, total recoverable	<4.0	<4.0	<4.0	<4.0	1		µg/L	WA	0
		Nitrate as nitrogen	210	191	239	328	1		µg/L	WA	0
		Nonvolatile beta	5.8E+01	2.4E+00	1.5E+00	2.0E+00	1	J	pCi/L	GP	0
		pH	5.5	6.4	5.4	5.4	1	J	pH	WA	0
		Phenols	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Potassium, total recoverable	644	<500	740	530	1		µg/L	WA	0
		Propionitrile	<50	<50	<50	<50	1		µg/L	WA	0
		Radium, total alpha-emitting				1.2E+00	1	J	pCi/L	GP	0
		Radium-226	1.2E+00	6.2E-01	1.5E+00				pCi/L		
		Radium-228	2.7E+00	3.0E-01	5.0E-01				pCi/L		
		Selenium, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Silica, total recoverable	5,660	5,750	5,720	5,750	2.1		µg/L	WA	0
		Silver, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Sodium, total recoverable	1,150	1,020	1,050	923	1		µg/L	WA	0
		Specific conductance	27	26	34	31	1		µS/cm	WA	0
		Styrene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Sulfate	5,980	4,670	5,520	4,820	1		µg/L	WA	0
		1,1,1,2-Tetrachloroethane	<10	<10	<10	<10	1		µg/L	WA	0
		1,1,2,2-Tetrachloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Tetrachloroethylene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Toluene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Total dissolved solids	32,000	46,000	31,000	21,000	1		µg/L	WA	0
		Total organic carbon	<1,000	<1,000	<1,000	<1,000	1		µg/L	WA	0
		Total organic halogens	<5.0	19	12	8.5	1		µg/L	WA	0
		Total phosphates (as P)	<50	<50	<50	<50	1		µg/L	WA	0
		Total suspended solids	<1,000	<1,000	<1,000	<1,000	1		µg/L	GE	0
		Toxaphene	<1.1	<1.1	<1.1	<1.1	1.05		µg/L	WA	0
		2,4,5-TP (Silvex)	<0.55	<0.53	<0.56	<0.53	1.05		µg/L	WA	0
		1,1,1-Trichloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,1,2-Trichloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Trichloroethylene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Trichlorofluoromethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,2,3-Trichloropropane	<10	<10	<10	<10	1		µg/L	WA	0
		Tritium	2.4E+00	2.0E+00	3.2E+00	3.5E+00	1		pCi/mL	GP	0
		Vanadium, total recoverable	<3.0	<3.0	<3.0	<3.0	1		µg/L	WA	0
		Vinyl acetate	<10	<10	<10	<10	1		µg/L	WA	0
		Xylenes	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0

Note: Flagging, dilution factors, modifiers, and laboratories are for fourth quarter 1994 data only. See Appendix B for flagging criteria.

● = exceeded holding time for fourth quarter 1994.

■ = exceeded screening level or final PDWS for fourth quarter 1994.

WELL LFW 56D

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

SAMPLE DATE	12/19/93	03/28/94	06/03/94	09/09/94
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FIELD DATA

Analyte	1Q94	2Q94	3Q94	4Q94	Unit
Water elevation	145.1	145.8	144.9	144.8	ft msl
Depth to water	13.1	12.3	13.2	13.3	ft
pH	5.1	5.2	4.9	4.9	pH
Sp. conductance	25	24	25	26	µS/cm
Water temperature	17.7	16.2	17.8	19.2	°C
Alkalinity as CaCO ₃	1	0	0	0	mg/L
Turbidity	1	0	2	1	NTU
Volume purged	20.2	12.8	12.9	14.9	well vol.
Sampling code					

ANALYTICAL DATA

H	ST	Analyte	1Q94	2Q94	3Q94	4Q94	DF	Mod	Unit	Lab	Flag
		Acetone	<10	11	<10	<10	1		µg/L	WA	0
		Acetonitrile (Methyl cyanide)	<20	<20	<20	<20	1		µg/L	WA	0
		Acrolein	<10	<10	<10	<10	1		µg/L	WA	0
		Acrylonitrile	<10	<10	<10	<10	1		µg/L	WA	0
		Allyl chloride	<100	<20	<20	<20	1		µg/L	WA	0
		Aluminum, total recoverable	47	<20	29	26	1		µg/L	WA	1
		Arsenic, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Barium, total recoverable	4.2	<4.0	<4.0	<4.0	1		µg/L	WA	0
		Benzene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Bromodichloromethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Bromoform	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Bromomethane (Methyl bromide)	<10	<10	<10	<10	1		µg/L	WA	0
		Cadmium, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Calcium, total recoverable	426	465	362	380	1		µg/L	WA	0
		Carbon disulfide	<5.0	1.3	<5.0	<5.0	1		µg/L	WA	0
		Carbon tetrachloride	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Chloride	4,030	2,620	3,080	3,460	1		µg/L	WA	0
		Chlorobenzene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Chloroethane	<10	<10	<10	<10	1		µg/L	WA	0
		Chloroethene (Vinyl chloride)	1.1	<10	<10	<10	1		µg/L	WA	0
		Chloroform	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Chloromethane (Methyl chloride)	<10	2.1	<10	8.8	1	J	µg/L	WA	1
		Chloroprene	<20	<100	<100	<100	1		µg/L	WA	0
		Chromium, total recoverable	<4.0	<4.0	<4.0	<4.0	1		µg/L	WA	0
		Copper, total recoverable	<4.0	<4.0	<4.0	<4.0	1		µg/L	WA	0
		Dibromochloromethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,2-Dibromo-3-chloropropane	<20	<20	<20	<20	1		µg/L	WA	0
		1,2-Dibromoethane	<20	<20	<20	<20	1		µg/L	WA	0
		Dibromomethane	<10	<10	1.0	<10	1		µg/L	WA	0
		trans-1,4-Dichloro-2-butene	<100	<100	<100	<100	1		µg/L	WA	0
		Dichlorodifluoromethane	<10	<10	<10	<10	1		µg/L	WA	0
		1,1-Dichloroethane	2.5	<5.0	1.6	<5.0	1		µg/L	WA	0
		1,2-Dichloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,1-Dichloroethylene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		trans-1,2-Dichloroethylene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Dichloromethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		2,4-Dichlorophenoxyacetic acid	<1.1	<1.1	<1.1	<1.1	1.06		µg/L	WA	0
		1,2-Dichloropropane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		cis-1,3-Dichloropropene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0

Note: Flagging, dilution factors, modifiers, and laboratories are for fourth quarter 1994 data only. See Appendix B for flagging criteria.

● = exceeded holding time for fourth quarter 1994.

■ = exceeded screening level or final PDWS for fourth quarter 1994.

Well LFW 56D continued

ANALYTICAL DATA

H	ST	Analyte	1Q94	2Q94	3Q94	4Q94	DF	Mod	Unit	Lab	Flag
		trans-1,3-Dichloropropene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Endrin	<0.11	<0.11	<0.11	<0.11	1.05		µg/L	WA	0
		Ethylbenzene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Fluoride	<100	<100	<100	<100	1		µg/L	WA	0
		Gross alpha	<5.5E-01	5.0E-01	2.8E+00	5.8E-01	1	J	pCi/L	GP	0
		2-Hexanone	<10	<10	<10	<10	1		µg/L	WA	0
		Iodomethane (Methyl iodide)	<10	<10	<10	<10	1		µg/L	WA	0
		Iron, total recoverable	419	50	332	213	1		µg/L	WA	1
		Isobutyl alcohol	<20	<20	<20	<20	1		µg/L	WA	0
		Lead, total recoverable	<3.0	<3.0	<3.0	<3.0	1		µg/L	WA	0
		Lindane	<0.055	<0.053	<0.054	<0.052	1.05		µg/L	WA	0
		Magnesium, total recoverable	442	528	404	408	1		µg/L	WA	0
		Manganese, total recoverable	3.4	<2.0	2.6	<2.0	1		µg/L	WA	0
		Mercury, total recoverable	<0.20	<0.20	<0.20	<0.20	1		µg/L	WA	0
		Methacrylonitrile	<20	<20	<20	<20	1		µg/L	WA	0
		Methoxychlor	<0.55	<0.53	<0.54	<0.53	1.05		µg/L	WA	0
		Methyl ethyl ketone	<10	<10	<10	<10	1		µg/L	WA	0
		Methyl isobutyl ketone	<10	<10	<10	<10	1		µg/L	WA	0
		Nickel, total recoverable	<4.0	<4.0	<4.0	<4.0	1		µg/L	WA	0
		Nitrate as nitrogen	184	57	96	107	1		µg/L	WA	0
		Nonvolatile beta	1.8E+01	<4.8E-01	2.9E+00	1.1E+00	1	UI	pCi/L	GP	0
•		pH	5.3	6.5	5.1	5.2	1	J	pH	WA	0
		Phenols	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Potassium, total recoverable	<500	<500	<500	<500	1		µg/L	WA	0
		Propionitrile	<50	<50	<50	<50	1		µg/L	WA	0
		Radium, total alpha-emitting				1.0E+00	1	J	pCi/L	GP	0
		Radium-226	3.6E-01	<1.5E-01	1.3E+00				pCi/L		
		Radium-228	<6.0E-01	1.0E+00	9.0E-01				pCi/L		
		Selenium, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Silica, total recoverable	5,400	5,220	5,260	5,510	2.1		µg/L	WA	0
		Silver, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Sodium, total recoverable	1,700	1,400	1,780	1,590	1		µg/L	WA	0
		Specific conductance	18	16	19	20	1		µS/cm	WA	0
		Styrene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Sulfate	<1,000	1,210	<1,000	<1,000	1		µg/L	WA	0
		1,1,1,2-Tetrachloroethane	<10	<10	<10	<10	1		µg/L	WA	0
		1,1,2,2-Tetrachloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Tetrachloroethylene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Toluene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Total dissolved solids	20,000	22,000	14,000	26,000	1		µg/L	WA	0
		Total organic carbon	<1,000	<1,000	<1,000	<1,000	1		µg/L	WA	0
		Total organic halogens	41	14	12	9.4	1		µg/L	WA	0
		Total phosphates (as P)	<50	<50	<50	1,330	5		µg/L	WA	0
		Total suspended solids	<1,000	2,000	15,000	<1,000	1		µg/L	GE	0
		Toxaphene	<1.1	<1.1	<1.1	<1.1	1.05		µg/L	WA	0
		2,4,5-TP (Silvex)	<0.55	<0.54	<0.54	<0.53	1.06		µg/L	WA	0
		1,1,1-Trichloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,1,2-Trichloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Trichloroethylene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Trichlorofluoromethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,2,3-Trichloropropane	<10	<10	<10	<10	1		µg/L	WA	0
		Tritium	1.1E+01	5.3E+00	8.6E+00	7.3E+00	1		pCi/mL	GP	0
		Vanadium, total recoverable	<3.0	<3.0	<3.0	<3.0	1		µg/L	WA	0
		Vinyl acetate	<10	<10	<10	<10	1		µg/L	WA	0
		Xylenes	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0

Note: Flagging, dilution factors, modifiers, and laboratories are for fourth quarter 1994 data only. See Appendix B for flagging criteria.

• = exceeded holding time for fourth quarter 1994.

■ = exceeded screening level or final PDWS for fourth quarter 1994.

WELL LFW 57B

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

SAMPLE DATE	12/28/93	03/28/94	06/03/94	09/12/94
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FIELD DATA

Analyte	1Q94	2Q94	3Q94	4Q94	Unit
Water elevation	143.4	143.9	143.1	143.0	ft msl
Depth to water	22.0	21.5	22.3	22.4	ft
pH	4.1	4.2	4.3	4.0	pH
Sp. conductance	61	65	62	64	µS/cm
Water temperature	18.7	19.3	20.0	19.6	°C
Alkalinity as CaCO ₃	0	0	0	0	mg/L
Turbidity	2	1	1	1	NTU
Volume purged	7.1	5.6	3.3	3.4	well vol.
Sampling code					

ANALYTICAL DATA

H	ST	Analyte	1Q94	2Q94	3Q94	4Q94	DF	Mod	Unit	Lab	Flag
		Acetone	<10	<10	<10	<40	1	J	µg/L	WA	0
		Acetonitrile (Methyl cyanide)	<1.0	<20	<20	<5.0	1		µg/L	GE	0
		Acrolein	<10	<10	<10	<10	1		µg/L	WA	0
		Acrylonitrile	<10	<10	<10	<10	1		µg/L	WA	0
		Aldrin				<0.050	1		µg/L	GE	0
		Allyl chloride	<50	<20	<20	<20	1		µg/L	WA	0
		Aluminum, total recoverable	739	763	801	788	1		µg/L	GE	2
		Arsenic, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	GE	0
		Barium, total recoverable	4.8	4.4	<4.0	4.7	1	J	µg/L	GE	0
		Benzene	<1.0	<5.0	<5.0	<1.0	1		µg/L	GE	0
		Bis(2-chloroisopropyl) ether	<10			<5.0	1		µg/L	GE	0
		Bromodichloromethane	<1.0	<5.0	<5.0	<1.0	1		µg/L	GE	0
		Bromoform	<1.0	<5.0	<5.0	<1.0	1		µg/L	GE	0
		Bromomethane (Methyl bromide)	<1.0	<10	<10	<1.0	1		µg/L	GE	0
		Cadmium, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	GE	0
		Calcium, total recoverable	721	680	761	754	1		µg/L	GE	0
		Carbon disulfide	<1.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Carbon tetrachloride	<1.0	<5.0	<5.0	<1.0	1		µg/L	GE	0
		Chloride	1,880	1,770	1,800	2,030	1		µg/L	GE	0
		Chlorobenzene	<1.0	<5.0	<5.0	<1.0	1		µg/L	GE	0
		Chloroethane	<1.0	<10	<10	<1.0	1		µg/L	GE	0
		Chloroethene (Vinyl chloride)	<1.0	<10	<10	<1.0	1		µg/L	GE	0
		Chloroform	<1.0	<5.0	<5.0	<1.0	1		µg/L	GE	0
		Chloromethane (Methyl chloride)	<1.0	1.4	<10	18	1		µg/L	WA	2
		Chloroprene	<20	<100	<100	<100	1		µg/L	WA	0
		Chromium, total recoverable	<4.0	<4.0	<4.0	<4.0	1		µg/L	GE	0
		Copper, total recoverable	<4.0	<4.0	6.6	<4.0	1		µg/L	GE	0
		p,p'-DDT				<0.10	1		µg/L	GE	0
		Dibromochloromethane	<1.0	<5.0	<5.0	<1.0	1		µg/L	GE	0
		1,2-Dibromo-3-chloropropane	<1.0	<20	<20	<5.0	1		µg/L	GE	0
		1,2-Dibromoethane	<20	<20	<20	<20	1		µg/L	GE	0
		Dibromomethane	1.1	<10	<10	<1.0	1		µg/L	GE	0
		trans-1,4-Dichloro-2-butene	<30	<100	<100	<30	1		µg/L	GE	0
		Dichlorodifluoromethane	<1.0	<10	<10	<1.0	1		µg/L	GE	0
		1,1-Dichloroethane	<1.0	<5.0	<5.0	<1.0	1		µg/L	GE	0
		1,2-Dichloroethane	<1.0	<5.0	<5.0	<1.0	1		µg/L	GE	0
		1,1-Dichloroethylene	<1.0	<5.0	<5.0	<1.0	1		µg/L	GE	0
		trans-1,2-Dichloroethylene	<1.0	<5.0	<5.0	<1.0	1		µg/L	GE	0
		Dichloromethane	<1.0	<5.0	<5.0	<1.0	1		µg/L	GE	0

Note: Flagging, dilution factors, modifiers, and laboratories are for fourth quarter 1994 data only. See Appendix B for flagging criteria.

● = exceeded holding time for fourth quarter 1994.

■ = exceeded screening level or final PDWS for fourth quarter 1994.

Well LFW 57B continued

ANALYTICAL DATA

H	ST	Analyte	1Q94	2Q94	3Q94	4Q94	DF	Mod	Unit	Lab	Flag
		2,4-Dichlorophenoxyacetic acid	<0.30	<1.1	<1.1	<0.0015	1	J	µg/L	GE	0
		1,2-Dichloropropane	<1.0	<5.0	<5.0	<1.0	1		µg/L	GE	0
		cis-1,3-Dichloropropene	<1.0	<5.0	<5.0	<1.0	1		µg/L	GE	0
		trans-1,3-Dichloropropene	<1.0	<5.0	<5.0	<1.0	1		µg/L	GE	0
		Dieldrin				<0.025	1		µg/L	GE	0
		Endrin	<0.0060	<0.11	<0.11	<0.10	1.04		µg/L	WA	0
		Ethylbenzene	<1.0	<5.0	<5.0	<1.0	1		µg/L	GE	0
•		Fluoride	<100	<100	<100	<20	1	J	µg/L	GE	0
■		Gross alpha	1.8E+01	1.5E+01	1.6E+01	1.7E+01	1		pCi/L	TM	2
		Heptachlor				<0.050	1		µg/L	GE	0
		2-Hexanone	<1.0	<10	<10	<10	1		µg/L	GE	0
		Iodomethane (Methyl iodide)	<10	<10	<10	<10	1		µg/L	WA	0
		Iron, total recoverable	39	84	54	166	1		µg/L	WA	1
		Isobutyl alcohol	<20	<20	<20	<20	1		µg/L	WA	0
		Lead, total recoverable	<3.0	<3.0	<3.0	<3.0	1		µg/L	GE	0
		Lindane	<0.0050	<0.053	<0.053	<0.052	1.04		µg/L	WA	0
		Magnesium, total recoverable	374	348	321	350	1		µg/L	GE	0
		Manganese, total recoverable	7.8	5.5	6.5	8.9	1		µg/L	GE	0
		Mercury, total recoverable	<0.20	<0.20	<0.20	<0.20	1		µg/L	GE	0
		Methacrylonitrile	<20	<20	<20	<20	1		µg/L	WA	0
		Methoxychlor	<0.50	<0.53	<0.53	<0.50	1		µg/L	GE	0
		Methyl ethyl ketone	<1.0	<10	<10	<1.0	1		µg/L	GE	0
		Methyl isobutyl ketone	<1.0	<10	<10	<10	1		µg/L	GE	0
		Methyl methacrylate				<5.0	1		µg/L	GE	0
		Nickel, total recoverable	8.0	5.3	<4.0	8.5	1		µg/L	GE	0
		Nitrate as nitrogen	784	751	422	367	1		µg/L	WA	0
		Nitrate-nitrite as nitrogen	910			344	1		µg/L	GE	0
		Nonvolatile beta	2.8E+01	1.3E+01	1.2E+01	1.3E+01	1		pCi/L	TM	0
•		pH	4.9	5.6	4.3	4.4	1	J	pH	GE	0
		Phenols	<5.0	<5.0	<5.0	<5.0	1		µg/L	GE	0
		Potassium, total recoverable	<500	<500	730	687	1	J	µg/L	GE	0
		Propionitrile	<50	<50	<50	<50	1		µg/L	WA	0
		Radium, total alpha-emitting	9.2E+00			7.6E+00	1		pCi/L	GP	0
		Radium-226	4.5E+00	3.7E+00	5.1E+00	3.8E+00	1		pCi/L	TM	0
		Radium-228	7.2E+00	4.4E+00	3.6E+00	5.1E+00	1		pCi/L	TM	0
		Selenium, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	GE	0
		Silica, total recoverable	9,930	9,010	8,510	11,200	1		µg/L	GE	0
		Silver, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	GE	0
		Sodium, total recoverable	1,590	1,470	1,590	1,570	1		µg/L	GE	0
		Specific conductance	52	47	45	54	1		µS/cm	WA	0
		Styrene	<1.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Sulfate	11,000	8,450	7,630	9,160	1		µg/L	WA	0
		1,1,1,2-Tetrachloroethane	<1.0	<10	<10	<1.0	1		µg/L	GE	0
		1,1,2,2-Tetrachloroethane	<1.0	<5.0	<5.0	<1.0	1		µg/L	GE	0
		Tetrachloroethylene	<1.0	<5.0	<5.0	<1.0	1		µg/L	GE	0
		Toluene	<1.0	<5.0	<5.0	<1.0	1		µg/L	GE	0
		Total dissolved solids	45,000	30,000	36,000	59,000	1		µg/L	WA	0
		Total organic carbon	<1,000	<1,000	<1,000	1,400	1		µg/L	WA	0
		Total organic halogens	<5.0	<5.0	<5.0	<5.0	1		µg/L	GE	0
		Total phosphates (as P)	<50	<50	<50	110	1		µg/L	WA	0
		Total suspended solids	1,000	2,000	<1,000	2,000	1		µg/L	GE	0
		Toxaphene	<0.24	<1.1	<1.1	<0.24	1		µg/L	GE	0
		2,4,5-TP (Silvex)	<0.090	<0.55	<0.55	<0.00044	1	J	µg/L	GE	0
		1,1,1-Trichloroethane	<1.0	<5.0	<5.0	<1.0	1		µg/L	GE	0
		1,1,2-Trichloroethane	<1.0	<5.0	<5.0	<1.0	1		µg/L	GE	0
		Trichloroethylene	<1.0	<5.0	<5.0	<1.0	1		µg/L	GE	0
		Trichlorofluoromethane	<1.0	<5.0	<5.0	<1.0	1		µg/L	GE	0
		1,2,3-Trichloropropane	<1.0	<10	<10	<1.0	1		µg/L	GE	0
		Tritium	9.9E-01	<1.9E-01	6.3E-01	1.1E+00	1	J	pCi/mL	GP	0
		Vanadium, total recoverable	<3.0	<3.0	<3.0	<3.0	1		µg/L	WA	0
		Vinyl acetate	<1.0	<10	<10	<10	1		µg/L	GE	0
		Xylenes	<2.0	<5.0	<5.0	<2.0	1		µg/L	GE	0

Note: Flagging, dilution factors, modifiers, and laboratories are for fourth quarter 1994 data only. See Appendix B for flagging criteria.

• = exceeded holding time for fourth quarter 1994.

■ = exceeded screening level or final PDWS for fourth quarter 1994.

WELL LFW 57C

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

SAMPLE DATE	12/28/93	03/28/94	06/03/94	09/07/94
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FIELD DATA

Analyte	1Q94	2Q94	3Q94	4Q94	Unit
Water elevation	143.4	144.0	143.3	143.2	ft msl
Depth to water	21.6	21.0	21.7	21.9	ft
pH	5.1	5.1	5.2	4.9	pH
Sp. conductance	29	30	28	29	µS/cm
Water temperature	18.3	18.9	19.3	19.1	°C
Alkalinity as CaCO ₃	1	0	1	0	mg/L
Turbidity	0	0	1	1	NTU
Volume purged	9.1	6.6	4.3	3.9	well vol.
Sampling code					

ANALYTICAL DATA

H	ST	Analyte	1Q94	2Q94	3Q94	4Q94	DF	Mod	Unit	Lab	Flag
		Acetone	<10	8.9	<10	<10	1		µg/L	WA	0
		Acetonitrile (Methyl cyanide)	<20	<20	<20	<20	1		µg/L	WA	0
		Acrolein	<10	<10	<10	<10	1		µg/L	WA	0
		Acrylonitrile	<10	<10	<10	<10	1		µg/L	WA	0
		Allyl chloride	<100	<20	<20	<20	1		µg/L	WA	0
		Aluminum, total recoverable	24	<20	24	35	1		µg/L	WA	1
		Arsenic, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Barium, total recoverable	5.8	4.7	4.2	4.1	1		µg/L	WA	0
		Benzene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Bromodichloromethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Bromoform	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Bromomethane (Methyl bromide)	<10	<10	<10	<10	1		µg/L	WA	0
		Cadmium, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Calcium, total recoverable	1,010	866	831	834	1		µg/L	WA	0
		Carbon disulfide	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Carbon tetrachloride	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Chloride	2,220	2,090	2,260	2,220	1		µg/L	WA	0
		Chlorobenzene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Chloroethane	<10	<10	<10	<10	1		µg/L	WA	0
		Chloroethene (Vinyl chloride)	<10	<10	2.7	<10	1		µg/L	WA	0
		Chloroform	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Chloromethane (Methyl chloride)	<10	<10	<10	8.9	1	J	µg/L	WA	1
		Chloroprene	<20	<100	<100	<100	1		µg/L	WA	0
		Chromium, total recoverable	<4.0	<4.0	<4.0	<4.0	1		µg/L	WA	0
		Copper, total recoverable	<4.0	<4.0	<4.0	<4.0	1		µg/L	WA	0
		Dibromochloromethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,2-Dibromo-3-chloropropane	<20	<20	<20	<20	1		µg/L	WA	0
		1,2-Dibromoethane	<20	<20	<20	<20	1		µg/L	WA	0
		Dibromomethane	<10	<10	<10	<10	1		µg/L	WA	0
		trans-1,4-Dichloro-2-butene	<100	<100	<100	<100	1		µg/L	WA	0
		Dichlorodifluoromethane	<10	<10	<10	<10	1		µg/L	WA	0
		1,1-Dichloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,2-Dichloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,1-Dichloroethylene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		trans-1,2-Dichloroethylene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Dichloromethane	<5.0	<5.0	<30	<5.0	1		µg/L	WA	0
		2,4-Dichlorophenoxyacetic acid	<1.1	<1.1	<1.1	<1.1	1.08		µg/L	WA	0
		1,2-Dichloropropane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		cis-1,3-Dichloropropene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0

Note: Flagging, dilution factors, modifiers, and laboratories are for fourth quarter 1994 data only. See Appendix B for flagging criteria.

- = exceeded holding time for fourth quarter 1994.
- = exceeded screening level or final PDWS for fourth quarter 1994.

Well LFW 57C continued

ANALYTICAL DATA

H	ST	Analyte	1Q94	2Q94	3Q94	4Q94	DF	Mod	Unit	Lab	Flag
		trans-1,3-Dichloropropene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Endrin	<0.10	<0.11	<0.11	<0.10	1.03		µg/L	WA	0
		Ethylbenzene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Fluoride	<100	<100	<100	<100	1		µg/L	WA	0
		Gross alpha	7.1E+00	4.4E+00	3.6E+00	3.1E+00	1	J	pCi/L	GP	0
		2-Hexanone	<10	<10	<10	<10	1		µg/L	WA	0
		Iodomethane (Methyl iodide)	<10	<10	<10	<10	1		µg/L	WA	0
		Iron, total recoverable	8.8	47	28	40	1		µg/L	WA	0
		Isobutyl alcohol	<20	<20	<20	<20	1		µg/L	WA	0
		Lead, total recoverable	<3.0	<3.0	<3.0	<3.0	1		µg/L	WA	0
		Lindane	<0.051	<0.055	<0.052	<0.052	1.03		µg/L	WA	0
		Magnesium, total recoverable	653	656	728	551	1		µg/L	WA	0
		Manganese, total recoverable	3.5	2.0	2.9	2.6	1		µg/L	WA	0
		Mercury, total recoverable	<0.20	<0.20	<0.20	<0.20	1		µg/L	WA	0
		Methacrylonitrile	<20	<20	<20	<20	1		µg/L	WA	0
		Methoxychlor	<0.51	<0.55	<0.53	<0.52	1.03		µg/L	WA	0
		Methyl ethyl ketone	<10	<10	<10	<10	1		µg/L	WA	0
		Methyl isobutyl ketone	<10	<10	<10	<10	1		µg/L	WA	0
		Nickel, total recoverable	<4.0	<4.0	<4.0	<4.0	1		µg/L	WA	0
		Nitrate as nitrogen	850	896	607	913	1		µg/L	WA	0
		Nonvolatile beta	1.3E+01	4.0E+00	1.7E+00	6.8E-01	1	UI	pCi/L	GP	0
•		pH	5.6	6.4	5.4	5.1	1	J	pH	WA	0
		Phenols	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Potassium, total recoverable	<500	<500	<500	<500	1		µg/L	WA	0
		Propionitrile	<50	<50	<50	<50	1		µg/L	WA	0
		Radium, total alpha-emitting				2.8E+00	1		pCi/L	GP	0
		Radium-226	2.3E+00	9.7E-01	1.3E+00				pCi/L		
		Radium-228	3.4E+00	4.0E-01	<9.0E-02				pCi/L		
		Selenium, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Silica, total recoverable	7,820	7,970	7,140	8,320	2.1		µg/L	WA	0
		Silver, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Sodium, total recoverable	1,680	1,650	1,720	1,600	1		µg/L	WA	0
		Specific conductance	19	21	23	22	1		µS/cm	WA	0
		Styrene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Sulfate	<1,000	<1,000	<1,000	1,330	1		µg/L	WA	0
		1,1,1,2-Tetrachloroethane	<10	<10	<10	<10	1		µg/L	WA	0
		1,1,2,2-Tetrachloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Tetrachloroethylene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Toluene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Total dissolved solids	32,000	40,000	29,000	<1,000	1		µg/L	WA	0
		Total organic carbon	<1,000	<1,000	<1,000	<1,000	1		µg/L	WA	0
		Total organic halogens	<5.0	<5.0	<5.0	8.2	1		µg/L	WA	0
		Total phosphates (as P)	<50	<50	<50	108	1		µg/L	WA	0
		Total suspended solids	<1,000	<1,000	<1,000	<1,000	1		µg/L	GE	0
		Toxaphene	<1.0	<1.1	<1.1	<1.0	1.03		µg/L	WA	0
		2,4,5-TP (Silvex)	<0.56	<0.55	<0.55	<0.54	1.08		µg/L	WA	0
		1,1,1-Trichloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,1,2-Trichloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Trichloroethylene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Trichlorofluoromethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,2,3-Trichloropropane	<10	<10	<10	<10	1		µg/L	WA	0
		Tritium	1.8E+00	1.3E+00	1.8E+00	1.7E+00	1		pCi/mL	GP	0
		Vanadium, total recoverable	<3.0	<3.0	<3.0	<3.0	1		µg/L	WA	0
		Vinyl acetate	<10	<10	<10	<10	1		µg/L	WA	0
		Xylenes	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0

Note: Flagging, dilution factors, modifiers, and laboratories are for fourth quarter 1994 data only. See Appendix B for flagging criteria.

• = exceeded holding time for fourth quarter 1994.

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WELL LFW 57D

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

SAMPLE DATE	12/28/93	03/28/94	06/03/94	09/07/94
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FIELD DATA

Analyte	1Q94	2Q94	3Q94	4Q94	Unit
Water elevation	143.5	144.0	143.2	143.2	ft msl
Depth to water	21.3	20.8	21.6	21.6	ft
pH	6.3	5.9	6.1	6.1	pH
Sp. conductance	149	82	82	146	µS/cm
Water temperature	19.2	18.1	18.6	19.5	°C
Alkalinity as CaCO ₃	36	18	16	32	mg/L
Turbidity	0	0	0	1	NTU
Volume purged	7.1	7.5	12.2	8.7	well vol.
Sampling code					

ANALYTICAL DATA

H	ST	Analyte	1Q94	2Q94	3Q94	4Q94	DF	Mod	Unit	Lab	Flag
		Acetone	<10	7.6	<10	<10	1		µg/L	WA	0
		Acetonitrile (Methyl cyanide)	<20	<20	<20	<20	1		µg/L	WA	0
		Acrolein	<10	<10	<10	<10	1		µg/L	WA	0
		Acrylonitrile	<10	<10	<10	<10	1		µg/L	WA	0
		Allyl chloride	<100	<20	<20	<20	1		µg/L	WA	0
		Aluminum, total recoverable	37	<20	<20	67	1		µg/L	WA	2
		Arsenic, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Barium, total recoverable	4.1	<4.0	<4.0	<4.0	1		µg/L	WA	0
		Benzene	1.7	<5.0	1.0	1.9	1	J	µg/L	WA	0
		Bromodichloromethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Bromoform	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Bromomethane (Methyl bromide)	<10	<10	<10	<10	1		µg/L	WA	0
		Cadmium, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Calcium, total recoverable	2,710	1,690	1,690	2,630	1		µg/L	WA	0
		Carbon disulfide	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Carbon tetrachloride	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Chloride	15,100	6,920	6,170	460	1		µg/L	WA	0
		Chlorobenzene	7.7	5.5	7.5	21	1		µg/L	WA	0
		Chloroethane	<10	1.8	2.7	<10	1		µg/L	WA	0
■		Chloroethene (Vinyl chloride)	43	25	29	63	1		µg/L	WA	2
		Chloroform	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Chloromethane (Methyl chloride)	<10	<10	<10	10.0	1	J	µg/L	WA	1
		Chloroprene	<20	<100	<100	<100	1		µg/L	WA	0
		Chromium, total recoverable	<4.0	<4.0	<4.0	<4.0	1		µg/L	WA	0
		Copper, total recoverable	<4.0	<4.0	<4.0	<4.0	1		µg/L	WA	0
		Dibromochloromethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,2-Dibromo-3-chloropropane	<20	<20	<20	<20	1		µg/L	WA	0
		1,2-Dibromoethane	<20	<20	<20	<20	1		µg/L	WA	0
		Dibromomethane	<10	<10	<10	<10	1		µg/L	WA	0
		trans-1,4-Dichloro-2-butene	<100	<100	<100	<100	1		µg/L	WA	0
		Dichlorodifluoromethane	<10	<10	<10	1.6	1	J	µg/L	WA	0
		1,1-Dichloroethane	59	20	19	43	1		µg/L	WA	2
		1,2-Dichloroethane	2.4	<5.0	<5.0	2.4	1	J	µg/L	WA	0
		1,1-Dichloroethylene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		trans-1,2-Dichloroethylene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Dichloromethane	<5.0	1.3	<30	<5.0	1		µg/L	WA	0
		2,4-Dichlorophenoxyacetic acid	<1.1	<1.1	<1.1	<1.1	1.1		µg/L	WA	0
		1,2-Dichloropropane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		cis-1,3-Dichloropropene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0

Note: Flagging, dilution factors, modifiers, and laboratories are for fourth quarter 1994 data only. See Appendix B for flagging criteria.

● = exceeded holding time for fourth quarter 1994.

■ = exceeded screening level or final PDWS for fourth quarter 1994.

Well LFW 57D continued

ANALYTICAL DATA

H	ST	Analyte	1Q94	2Q94	3Q94	4Q94	DF	Mod	Unit	Lab	Flag
		trans-1,3-Dichloropropene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Endrin	<0.10	<0.11	<0.10	<0.10	1.03		µg/L	WA	0
		Ethylbenzene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Fluoride	<100	<100	<100	<100	1		µg/L	WA	0
		Gross alpha	2.3E+00	3.4E+00	1.8E+00	2.7E+00	1	J	pCi/L	GP	0
		2-Hexanone	<10	<10	<10	<10	1		µg/L	WA	0
		Iodomethane (Methyl iodide)	<10	<10	<10	<10	1		µg/L	WA	0
		Iron, total recoverable	150	28	40	195	1		µg/L	WA	1
		Isobutyl alcohol	<20	<20	<20	<20	1		µg/L	WA	0
		Lead, total recoverable	<3.0	<3.0	4.8	<3.0	1		µg/L	WA	0
		Lindane	<0.051	<0.055	<0.052	<0.052	1.03		µg/L	WA	0
		Magnesium, total recoverable	5,680	3,350	3,140	5,050	1		µg/L	WA	0
		Manganese, total recoverable	8.3	7.7	8.3	6.8	1		µg/L	WA	0
		Mercury, total recoverable	<0.20	<0.20	<0.20	<0.20	1		µg/L	WA	0
		Methacrylonitrile	<20	<20	<20	<20	1		µg/L	WA	0
		Methoxychlor	<0.51	<0.55	<0.52	<0.52	1.03		µg/L	WA	0
		Methyl ethyl ketone	<10	<10	<10	<10	1		µg/L	WA	0
		Methyl isobutyl ketone	<10	<10	<10	<10	1		µg/L	WA	0
		Nickel, total recoverable	<4.0	<4.0	<4.0	<4.0	1		µg/L	WA	0
		Nitrate as nitrogen	24	56	<20	29	1		µg/L	WA	0
		Nonvolatile beta	1.7E+01	2.8E+00	3.8E+00	2.8E+00	1	J	pCi/L	GP	0
•		pH	6.5	7.7	6.0	6.1	1	J	pH	WA	0
		Phenols	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Potassium, total recoverable	686	<500	539	560	1		µg/L	WA	0
		Propionitrile	<50	<50	<50	<50	1		µg/L	WA	0
		Radium, total alpha-emitting				2.6E+00	1		pCi/L	GP	0
		Radium-226	8.8E-01	2.2E-01	5.8E-01				pCi/L		
		Radium-228	3.7E+00	1.2E+00	1.0E+00				pCi/L		
		Selenium, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Silica, total recoverable	5,430	5,310	5,380	5,770	2.1		µg/L	WA	0
		Silver, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Sodium, total recoverable	11,600	5,900	6,000	11,300	1		µg/L	WA	0
		Specific conductance	91	61	60	110	1		µS/cm	WA	0
		Styrene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Sulfate	2,830	1,190	<1,000	<1,000	1		µg/L	WA	0
		1,1,1,2-Tetrachloroethane	<10	<10	<10	<10	1		µg/L	WA	0
		1,1,2,2-Tetrachloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Tetrachloroethylene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Toluene	<5.0	<5.0	<5.0	1.4	1	J	µg/L	WA	0
		Total dissolved solids	76,000	51,000	35,000	69,000	1		µg/L	WA	0
		Total organic carbon	2,030	1,100	1,010	2,700	1		µg/L	WA	0
		Total organic halogens	240	120	163	261	5		µg/L	WA	2
		Total phosphates (as P)	<50	<50	<50	326	1		µg/L	WA	0
		Total suspended solids	<1,000	<1,000	<1,000	<1,000	1		µg/L	GE	0
		Toxaphene	<1.0	<1.1	<1.0	<1.0	1.03		µg/L	WA	0
		2,4,5-TP (Silvex)	<0.56	<0.55	<0.55	<0.55	1.1		µg/L	WA	0
		1,1,1-Trichloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,1,2-Trichloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Trichloroethylene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Trichlorofluoromethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,2,3-Trichloropropane	<10	<10	<10	<10	1		µg/L	WA	0
		Tritium	5.2E+00	3.7E+00	4.5E+00	6.3E+00	1		pCi/mL	GP	0
		Vanadium, total recoverable	<3.0	<3.0	<3.0	<3.0	1		µg/L	WA	0
		Vinyl acetate	<10	<10	<10	<10	1		µg/L	WA	0
		Xylenes	1.7	<5.0	<5.0	1.9	1	J	µg/L	WA	0

Note: Flagging, dilution factors, modifiers, and laboratories are for fourth quarter 1994 data only. See Appendix B for flagging criteria.

• = exceeded holding time for fourth quarter 1994.

■ = exceeded screening level or final PDWS for fourth quarter 1994.

WELL LFW 58D

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

SAMPLE DATE	12/28/93	03/29/94	06/10/94	09/08/94
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FIELD DATA

Analyte	1Q94	2Q94	3Q94	4Q94	Unit
Water elevation	141.5	142.3	141.3	141.3	ft msl
Depth to water	26.1	25.3	26.3	26.3	ft
pH	5.0	4.9	4.6	4.8	pH
Sp. conductance	104	102	80	104	µS/cm
Water temperature	19.2	18.6	19.0	19.1	°C
Alkalinity as CaCO ₃	0	0	1	0	mg/L
Turbidity	1	0	1	1	NTU
Volume purged	5.6	5.2	5.7	6.0	well vol.
Sampling code					

ANALYTICAL DATA

H	ST	Analyte	1Q94	2Q94	3Q94	4Q94	DF	Mod	Unit	Lab	Flag
		Acetone	<10	<10	<10	<25	1	J	µg/L	WA	0
		Acetonitrile (Methyl cyanide)	<20	<20	<20	<20	1		µg/L	WA	0
		Acrolein	<10	<10	<10	<10	1		µg/L	WA	0
		Acrylonitrile	<10	<10	<10	<10	1		µg/L	WA	0
		Allyl chloride	<100	<20	<20	<20	1		µg/L	WA	0
		Aluminum, total recoverable	81	84	65	126	1		µg/L	WA	2
		Arsenic, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Barium, total recoverable	7.0	7.8	5.5	7.2	1		µg/L	WA	0
■		Benzene	6.0	4.5	4.2	5.1	1		µg/L	WA	2
		Bromodichloromethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Bromoform	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Bromomethane (Methyl bromide)	<10	<10	<10	<10	1		µg/L	WA	0
		Cadmium, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Calcium, total recoverable	1,180	1,300	1,130	1,350	1		µg/L	WA	0
		Carbon disulfide	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Carbon tetrachloride	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Chloride	16,700	18,400	16,900	25,200	10		µg/L	WA	0
		Chlorobenzene	3.4	2.1	2.2	6.0	1		µg/L	WA	0
		Chloroethane	<10	<10	<10	<10	1		µg/L	WA	0
		Chloroethene (Vinyl chloride)	<10	<10	<10	<10	1		µg/L	WA	0
		Chloroform	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Chloromethane (Methyl chloride)	<10	<10	<10	<10	1		µg/L	WA	0
		Chloroprene	<20	<100	<100	<100	1		µg/L	WA	0
		Chromium, total recoverable	<4.0	<4.0	<4.0	<4.0	1		µg/L	WA	0
		Copper, total recoverable	<4.0	4.8	6.3	<4.0	1		µg/L	WA	0
		Dibromochloromethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,2-Dibromo-3-chloropropane	<20	<20	<20	<20	1		µg/L	WA	0
		1,2-Dibromoethane	<20	<20	<20	<20	1		µg/L	WA	0
		Dibromomethane	1.2	<10	<10	<10	1		µg/L	WA	0
		trans-1,4-Dichloro-2-butene	<100	<100	<100	<100	1		µg/L	WA	0
		Dichlorodifluoromethane	20	51	27	33	1		µg/L	WA	2
		1,1-Dichloroethane	88	78	62	78	1		µg/L	WA	2
		1,2-Dichloroethane	5.9	4.0	<5.0	<5.0	1		µg/L	WA	0
		1,1-Dichloroethylene	3.4	4.2	2.3	2.8	1	J	µg/L	WA	0
		trans-1,2-Dichloroethylene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
■		Dichloromethane	36	66	35	41	1		µg/L	WA	2
		2,4-Dichlorophenoxyacetic acid	<1.1	<1.1	<1.1	<1.1	1.05		µg/L	WA	0
		1,2-Dichloropropane	1.4	1.4	<5.0	<5.0	1		µg/L	WA	0
		cis-1,3-Dichloropropene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0

Note: Flagging, dilution factors, modifiers, and laboratories are for fourth quarter 1994 data only. See Appendix B for flagging criteria.

- = exceeded holding time for fourth quarter 1994.
- = exceeded screening level or final PDWS for fourth quarter 1994.

Well LFW 58D continued

ANALYTICAL DATA

H	ST	Analyte	1Q94	2Q94	3Q94	4Q94	DF	Mod	Unit	Lab	Flag
		trans-1,3-Dichloropropene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Endrin	<0.10	<0.10	<0.10	<0.11	1.05		µg/L	WA	0
		Ethylbenzene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Fluoride	<100	<100	<100	<100	1		µg/L	WA	0
		Gross alpha	4.0E+00		4.5E+00	1.8E+00	1	J	pCi/L	GP	0
		2-Hexanone	<10	<10	<10	<10	1		µg/L	WA	0
		Iodomethane (Methyl iodide)	<10	<10	<10	<10	1		µg/L	WA	0
		Iron, total recoverable	100	96	23	141	1		µg/L	WA	0
		Isobutyl alcohol	<20	<20	<20	<20	1		µg/L	WA	0
		Lead, total recoverable	<3.0	<3.0	<3.0	<3.0	1		µg/L	WA	0
		Lindane	<0.051	<0.052	<0.052	<0.052	1.05		µg/L	WA	0
		Magnesium, total recoverable	1,260	1,490	1,310	1,430	1		µg/L	WA	0
		Manganese, total recoverable	7.1	7.2	3.1	4.3	1		µg/L	WA	0
		Mercury, total recoverable	<0.20	0.25	<0.20	<0.20	1		µg/L	WA	0
		Methacrylonitrile	<20	<20	<20	<20	1		µg/L	WA	0
		Methoxychlor	<0.51	<0.52	<0.52	<0.53	1.05		µg/L	WA	0
		Methyl ethyl ketone	<10	<10	<10	<10	1		µg/L	WA	0
		Methyl isobutyl ketone	<10	<10	<10	<10	1		µg/L	WA	0
		Nickel, total recoverable	<4.0	<4.0	<4.0	<4.0	1		µg/L	WA	0
		Nitrate as nitrogen	139	142	89	197	1		µg/L	WA	0
		Nonvolatile beta	6.1E+00		4.1E+00	3.7E+00	1		pCi/L	GP	0
•		pH	5.4	4.7	4.9	5.2	1	J	pH	WA	0
		Phenols	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Potassium, total recoverable	<500	<500	<500	<500	1		µg/L	WA	0
		Propionitrile	<50	<50	<50	<50	1		µg/L	WA	0
		Radium, total alpha-emitting				2.7E+00	1		pCi/L	GP	0
		Radium-226	2.0E+00		6.9E-01				pCi/L		
		Radium-228	6.2E+00		2.2E+00				pCi/L		
		Selenium, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Silica, total recoverable	11,900	12,100	10,900	12,000	2.1		µg/L	WA	0
		Silver, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Sodium, total recoverable	11,900	10,300	10,100	12,000	1		µg/L	WA	0
		Specific conductance	67	75	67	92	1		µS/cm	WA	0
		Styrene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Sulfate	1,160	<1,000	<1,000	<1,000	1		µg/L	WA	0
		1,1,1,2-Tetrachloroethane	<10	<10	<10	<10	1		µg/L	WA	0
		1,1,2,2-Tetrachloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Tetrachloroethylene	2.6	4.1	1.6	4.5	1	J	µg/L	WA	1
		Toluene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Total dissolved solids	66,000	61,000	53,000	72,000	1		µg/L	WA	0
		Total organic carbon	1,930	1,980	2,100	3,000	1		µg/L	WA	0
		Total organic halogens	975	796	254	588	10		µg/L	WA	2
		Total phosphates (as P)	<50	<50	<50	1,030	5		µg/L	WA	0
		Total suspended solids	<1,000	<1,000	<1,000	<1,000	1		µg/L	GE	0
		Toxaphene	<1.0	<1.0	<1.0	<1.1	1.05		µg/L	WA	0
		2,4,5-TP (Silvex)	<0.56	<0.55	<0.53	<0.53	1.05		µg/L	WA	0
		1,1,1-Trichloroethane	8.6	17	4.7	12	1		µg/L	WA	0
		1,1,2-Trichloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
■		Trichloroethylene	12	17	8.5	14	1		µg/L	WA	2
		Trichlorofluoromethane	71	91	35	83	1		µg/L	WA	2
		1,2,3-Trichloropropane	<10	<10	<10	<10	1		µg/L	WA	0
		Tritium	8.1E+00		6.6E+00	8.3E+00	1		pCi/mL	GP	0
		Vanadium, total recoverable	<3.0	<3.0	<3.0	<3.0	1		µg/L	WA	0
		Vinyl acetate	<10	<10	<10	<10	1		µg/L	WA	0
		Xylenes	4.4	6.3	3.3	6.3	1		µg/L	WA	0

Note: Flagging, dilution factors, modifiers, and laboratories are for fourth quarter 1994 data only. See Appendix B for flagging criteria.

• = exceeded holding time for fourth quarter 1994.

■ = exceeded screening level or final PDWS for fourth quarter 1994.

WELL LFW 59B

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

SAMPLE DATE	12/28/93	03/29/94	06/10/94	09/07/94
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FIELD DATA

Analyte	1Q94	2Q94	3Q94	4Q94	Unit
Water elevation	142.1	143.2	142.1	142.0	ft msl
Depth to water	26.0	24.9	26.0	26.1	ft
pH	4.0	4.1	4.2	4.2	pH
Sp. conductance	59	63	62	60	µS/cm
Water temperature	19.5	19.4	19.8	20.2	°C
Alkalinity as CaCO ₃	0	0	0	0	mg/L
Turbidity	1	0	0	1	NTU
Volume purged	3.7	5.6	7.6	7.0	well vol.
Sampling code					

ANALYTICAL DATA

H	ST	Analyte	1Q94	2Q94	3Q94	4Q94	DF	Mod	Unit	Lab	Flag
		Acetone	<10	<10	<10	<30	1	J	µg/L	WA	0
		Acetonitrile (Methyl cyanide)	<20	<5.0	<20	<20	1		µg/L	WA	0
		Acrolein	<10	<10	<10	<10	1		µg/L	WA	0
		Acrylonitrile	<10	<10	<10	<10	1		µg/L	WA	0
		Aldrin		<0.052					µg/L		
		Allyl chloride	<100	<20	<20	<20	1		µg/L	WA	0
		Aluminum, total recoverable	561	520	516	543	1		µg/L	WA	2
		Arsenic, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Barium, total recoverable	4.9	5.2	<4.0	4.6	1		µg/L	WA	0
		Benzene	<5.0	<1.0	<5.0	<5.0	1		µg/L	WA	0
		Bis(2-chloroisopropyl) ether		<10					µg/L		
		Bromodichloromethane	<5.0	<1.0	<5.0	<5.0	1		µg/L	WA	0
		Bromoform	<5.0	<1.0	<5.0	<5.0	1		µg/L	WA	0
		Bromomethane (Methyl bromide)	<10	<1.0	<10	<10	1		µg/L	WA	0
		Cadmium, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Calcium, total recoverable	605	602	590	586	1		µg/L	WA	0
		Carbon disulfide	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Carbon tetrachloride	<5.0	<1.0	<5.0	<5.0	1		µg/L	WA	0
		Chloride	1,180	1,770	1,670	1,760	1		µg/L	WA	0
		Chlorobenzene	<5.0	<1.0	<5.0	<5.0	1		µg/L	WA	0
		Chloroethane	<10	<1.0	<10	<10	1		µg/L	WA	0
		Chloroethene (Vinyl chloride)	<10	<1.0	<10	<10	1		µg/L	WA	0
		Chloroform	<5.0	<1.0	<5.0	<5.0	1		µg/L	WA	0
		Chloromethane (Methyl chloride)	<10	<1.0	<10	7.7	1	J	µg/L	WA	1
		Chloroprene	<20	<100	<100	<100	1		µg/L	WA	0
		Chromium, total recoverable	<4.0	<4.0	4.8	<4.0	1		µg/L	WA	0
		Copper, total recoverable	<4.0	<4.0	<4.0	<4.0	1		µg/L	WA	0
		p,p'-DDT		<0.10					µg/L		
		Dibromochloromethane	<5.0	<1.0	<5.0	<5.0	1		µg/L	WA	0
		1,2-Dibromo-3-chloropropane	<20	<5.0	<20	<20	1		µg/L	WA	0
		1,2-Dibromoethane	<20	<20	<20	<20	1		µg/L	WA	0
		Dibromomethane	1.3	<1.0	<10	<10	1		µg/L	WA	0
		trans-1,4-Dichloro-2-butene	<100	<30	<100	<100	1		µg/L	WA	0
		Dichlorodifluoromethane	<10	<1.0	<10	<10	1		µg/L	WA	0
		1,1-Dichloroethane	<5.0	<1.0	<5.0	<5.0	1		µg/L	WA	0
		1,2-Dichloroethane	<5.0	<1.0	<5.0	<5.0	1		µg/L	WA	0
		1,1-Dichloroethylene	<5.0	<1.0	<5.0	<5.0	1		µg/L	WA	0
		trans-1,2-Dichloroethylene	<5.0	<1.0	<5.0	<5.0	1		µg/L	WA	0
		Dichloromethane	<5.0	<1.0	<5.0	<5.0	1	J	µg/L	WA	0

Note: Flagging, dilution factors, modifiers, and laboratories are for fourth quarter 1994 data only. See Appendix B for flagging criteria.

● = exceeded holding time for fourth quarter 1994.

■ = exceeded screening level or final PDWS for fourth quarter 1994.

Well LFW 59B continued

ANALYTICAL DATA

H	ST	Analyte	1Q94	2Q94	3Q94	4Q94	DF	Mod	Unit	Lab	Flag
		2,4-Dichlorophenoxyacetic acid	<1.1	<0.0015	<1.1	<1.1	1.09		µg/L	WA	0
		1,2-Dichloropropane	<5.0	<1.0	<5.0	<5.0	1		µg/L	WA	0
		cis-1,3-Dichloropropene	<5.0	<1.0	<5.0	<5.0	1		µg/L	WA	0
		trans-1,3-Dichloropropene	<5.0	<1.0	<5.0	<5.0	1		µg/L	WA	0
		Dieldrin		<0.52					µg/L		
		Endrin	<0.10	<0.0062	<0.11	<0.10	1.02		µg/L	WA	0
		Ethylbenzene	<5.0	<1.0	<5.0	<5.0	1		µg/L	WA	0
		Fluoride	<100	<100	<100	<100	1		µg/L	WA	0
		Gross alpha	1.3E+01	1.1E+01	1.3E+01	7.6E+00	1		pCi/L	GP	1
		Heptachlor		<0.052					µg/L		
		2-Hexanone	<10	<10	<10	<10	1		µg/L	WA	0
		Iodomethane (Methyl iodide)	<10	<10	<10	<10	1		µg/L	WA	0
		Iron, total recoverable	48	40	29	52	1		µg/L	WA	0
		Isobutyl alcohol	<20	<20	<20	<20	1		µg/L	WA	0
		Lead, total recoverable	<3.0	<3.0	<3.0	3.0	1		µg/L	WA	0
		Lindane	<0.052	<0.0052	<0.053	<0.051	1.02		µg/L	WA	0
		Magnesium, total recoverable	309	303	296	293	1		µg/L	WA	0
		Manganese, total recoverable	9.3	8.9	9.0	8.4	1		µg/L	WA	0
		Mercury, total recoverable	<0.20	<0.20	<0.20	<0.20	1		µg/L	WA	0
		Methacrylonitrile	<20	<20	<20	<20	1		µg/L	WA	0
		Methoxychlor	<0.52	<0.52	<0.53	<0.51	1.02		µg/L	WA	0
		Methyl ethyl ketone	<10	<10	<10	<10	1		µg/L	WA	0
		Methyl isobutyl ketone	<10	<10	<10	<10	1		µg/L	WA	0
		Nickel, total recoverable	7.6	7.6	7.8	<26	1	J	µg/L	WA	0
		Nitrate as nitrogen	423	484	90	599	1		µg/L	WA	0
		Nitrate-nitrite as nitrogen		610					µg/L		
		Nonvolatile beta	2.9E+01	4.9E+00	5.8E+00	4.3E+00	1		pCi/L	GP	0
		pH	4.6	4.2	4.1	4.2	1	J	pH	WA	0
		Phenols	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Potassium, total recoverable	<500	<500	<500	<500	1		µg/L	WA	0
		Propionitrile	<50	<50	<50	<50	1		µg/L	WA	0
		Radium, total alpha-emitting		1.0E+01		4.3E+00	1		pCi/L	GP	0
		Radium-226	2.9E+00		3.6E+00				pCi/L		
		Radium-228	5.8E+00		6.2E+00				pCi/L		
		Selenium, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Silica		9,970					µg/L		
		Silica, total recoverable	9,760	10,100	9,490	9,340	2.1		µg/L	WA	0
		Silver, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Sodium, total recoverable	1,290	1,380	1,340	1,320	1		µg/L	WA	0
		Specific conductance	40	52	48	48	1		µS/cm	WA	0
		Styrene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Sulfate	9,620	9,990	7,320	7,310	1		µg/L	WA	0
		1,1,1,2-Tetrachloroethane	<10	<1.0	<10	<10	1		µg/L	WA	0
		1,1,2,2-Tetrachloroethane	<5.0	<1.0	<5.0	<5.0	1		µg/L	WA	0
		Tetrachloroethylene	<5.0	<1.0	<5.0	<5.0	1		µg/L	WA	0
		Toluene	<5.0	<1.0	<5.0	<5.0	1		µg/L	WA	0
		Total dissolved solids	48,000	28,000	28,000	22,000	1		µg/L	WA	0
		Total organic carbon	<1,000	1,290	<1,000	<1,000	1		µg/L	WA	0
		Total organic halogens	<5.0	5.5	<5.0	16	1		µg/L	WA	0
		Total phosphates (as P)	<50	<50	<50	<50	1		µg/L	WA	0
		Total suspended solids	1,000	<1,000	<1,000	<1,000	1		µg/L	GE	0
		Toxaphene	<1.0	<0.25	<1.1	<1.0	1.02		µg/L	WA	0
		2,4,5-TP (Silvex)	<0.55	<0.00045	<0.55	<0.55	1.09		µg/L	WA	0
		1,1,1-Trichloroethane	<5.0	<1.0	<5.0	<5.0	1		µg/L	WA	0
		1,1,2-Trichloroethane	<5.0	<1.0	<5.0	<5.0	1		µg/L	WA	0
		Trichloroethylene	<5.0	<1.0	<5.0	<5.0	1		µg/L	WA	0
		Trichlorofluoromethane	<5.0	<1.0	<5.0	<5.0	1		µg/L	WA	0
		2,4,5-T		<0.00045					µg/L		
		1,2,3-Trichloropropane	<10	<1.0	<10	<10	1		µg/L	WA	0
		Tritium	8.4E-01	6.4E-01	4.8E-01	8.6E-01	1	J	pCi/mL	GP	0
		Vanadium, total recoverable	<3.0	<3.0	<3.0	<3.0	1		µg/L	WA	0
		Vinyl acetate	<10	<10	<10	<10	1		µg/L	WA	0

Note: Flagging, dilution factors, modifiers, and laboratories are for fourth quarter 1994 data only. See Appendix B for flagging criteria.

● = exceeded holding time for fourth quarter 1994.

■ = exceeded screening level or final PDWS for fourth quarter 1994.

Well LFW 59B continued

ANALYTICAL DATA

H	ST	Analyte	1Q94	2Q94	3Q94	4Q94	DF	Mod	Unit	Lab	Flag
		Xylenes	<5.0	<2.0	<5.0	<5.0	1		µg/L	WA	0

WELL LFW 59C

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

SAMPLE DATE	12/28/93	03/28/94	06/10/94	09/07/94
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FIELD DATA

Analyte	1Q94	2Q94	3Q94	4Q94	Unit
Water elevation	141.3	142.8	141.7	141.5	ft msl
Depth to water	26.0	24.5	25.6	25.8	ft
pH	4.7	4.8	4.8	4.9	pH
Sp. conductance	52	60	58	57	µS/cm
Water temperature	19.2	19.3	19.6	20.0	°C
Alkalinity as CaCO ₃	0	0	0	0	mg/L
Turbidity	1	0	0	1	NTU
Volume purged	7.8	17.0	15.9	8.8	well vol.
Sampling code					

ANALYTICAL DATA

H	ST	Analyte	1Q94	2Q94	3Q94	4Q94	DF	Mod	Unit	Lab	Flag
		Acetone	<10	<10	<10	16	1		µg/L	WA	0
		Acetonitrile (Methyl cyanide)	<20	<20	<20	<20	1		µg/L	WA	0
		Acrolein	<10	<10	<10	<10	1		µg/L	WA	0
		Acrylonitrile	<10	<10	<10	<10	1		µg/L	WA	0
		Allyl chloride	<100	<20	<20	<20	1		µg/L	WA	0
		Aluminum, total recoverable	24	<20	23	25	1		µg/L	WA	1
		Arsenic, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Barium, total recoverable	8.0	7.9	7.6	7.6	1		µg/L	WA	0
		Benzene	<5.0	1.0	<5.0	<5.0	1		µg/L	WA	0
		Bromodichloromethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Bromoform	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Bromomethane (Methyl bromide)	<10	<10	<10	<10	1		µg/L	WA	0
		Cadmium, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Calcium, total recoverable	957	965	973	932	1		µg/L	WA	0
		Carbon disulfide	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Carbon tetrachloride	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Chloride	8,120	8,320	8,360	9,630	1		µg/L	WA	0
		Chlorobenzene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Chloroethane	<10	<10	<10	<10	1		µg/L	WA	0
		Chloroethene (Vinyl chloride)	<10	<10	<10	<10	1		µg/L	WA	0
		Chloroform	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Chloromethane (Methyl chloride)	<10	<10	<10	11	1		µg/L	WA	2
		Chloroprene	<20	<100	<100	<100	1		µg/L	WA	0
		Chromium, total recoverable	<4.0	<4.0	<4.0	<4.0	1		µg/L	WA	0
		Copper, total recoverable	<4.0	<4.0	<4.0	<4.0	1		µg/L	WA	0
		Dibromochloromethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,2-Dibromo-3-chloropropane	<20	<20	<20	<20	1		µg/L	WA	0
		1,2-Dibromoethane	<20	<20	<20	<20	1		µg/L	WA	0
		Dibromomethane	<10	<10	<10	<10	1		µg/L	WA	0
		trans-1,4-Dichloro-2-butene	<100	<100	<100	<100	1		µg/L	WA	0
		Dichlorodifluoromethane	<10	21	17	16	1		µg/L	WA	2
		1,1-Dichloroethane	28	30	30	26	1		µg/L	WA	2
		1,2-Dichloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,1-Dichloroethylene	2.1	2.2	1.5	1.8	1	J	µg/L	WA	0

Note: Flagging, dilution factors, modifiers, and laboratories are for fourth quarter 1994 data only. See Appendix B for flagging criteria.

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Well LFW 59C continued

ANALYTICAL DATA

H	ST	Analyte	1Q94	2Q94	3Q94	4Q94	DF	Mod	Unit	Lab	Flag
		trans-1,2-Dichloroethylene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
■		Dichloromethane	60	62	59	43	1		µg/L	WA	2
		2,4-Dichlorophenoxyacetic acid	<1.1	<1.1	<1.0	<1.1	1.08		µg/L	WA	0
		1,2-Dichloropropane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		cis-1,3-Dichloropropene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		trans-1,3-Dichloropropene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Endrin	<0.11	<0.11	<0.11	<0.11	1.05		µg/L	WA	0
		Ethylbenzene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Fluoride	<100	<100	<100	<100	1		µg/L	WA	0
		Gross alpha	7.0E+00	5.4E+00	5.2E+00	6.8E+00	1		pCi/L	GP	0
		2-Hexanone	<10	<10	<10	<10	1		µg/L	WA	0
		Iodomethane (Methyl iodide)	<10	<10	<10	<10	1		µg/L	WA	0
		Iron, total recoverable	31	28	18	33	1		µg/L	WA	0
		Isobutyl alcohol	<20	<20	<20	<20	1		µg/L	WA	0
		Lead, total recoverable	<3.0	<3.0	<3.0	<3.0	1		µg/L	WA	0
		Lindane	<0.052	<0.055	<0.055	<0.052	1.05		µg/L	WA	0
		Magnesium, total recoverable	1,070	1,160	1,120	1,040	1		µg/L	WA	0
		Manganese, total recoverable	2.8	<2.0	2.5	2.4	1		µg/L	WA	0
		Mercury, total recoverable	<0.20	<0.20	<0.20	0.23	1		µg/L	WA	0
		Methacrylonitrile	<20	<20	<20	<20	1		µg/L	WA	0
		Methoxychlor	<0.53	<0.55	<0.55	<0.53	1.05		µg/L	WA	0
		Methyl ethyl ketone	<10	<10	<10	<10	1		µg/L	WA	0
		Methyl isobutyl ketone	7.5	<10	<10	<10	1		µg/L	WA	0
		Nickel, total recoverable	<4.0	<4.0	<4.0	<26	1	J	µg/L	WA	0
		Nitrate as nitrogen	887	796	461	802	1		µg/L	WA	0
		Nonvolatile beta	5.7E+00	5.1E+00	3.3E+00	3.3E+00	1	J	pCi/L	GP	0
•		pH	5.3	6.1	5.1	4.9	1	J	pH	WA	0
		Phenols	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Potassium, total recoverable	552	<500	<500	<500	1		µg/L	WA	0
		Propionitrile	<50	<50	<50	<50	1		µg/L	WA	0
		Radium, total alpha-emitting				2.8E+00	1		pCi/L	GP	0
		Radium-226	1.7E+00	1.6E+00	2.1E+00				pCi/L		
		Radium-228	3.4E+00	8.0E-01	4.0E-01				pCi/L		
		Selenium, total recoverable	2.1	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Silica, total recoverable	8,860	8,850	8,640	8,830	2.1		µg/L	WA	0
		Silver, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Sodium, total recoverable	3,750	4,570	4,580	4,760	1		µg/L	WA	0
		Specific conductance	32	44	50	47	1		µS/cm	WA	0
		Styrene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Sulfate	<1,000	<1,000	<1,000	<1,000	1		µg/L	WA	0
		1,1,1,2-Tetrachloroethane	<10	<10	<10	<10	1		µg/L	WA	0
		1,1,2,2-Tetrachloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Tetrachloroethylene	2.0	2.0	1.3	2.1	1	J	µg/L	WA	0
		Toluene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Total dissolved solids	5,000	16,000	90,000	64,000	1		µg/L	WA	0
		Total organic carbon	<1,000	<1,000	1,200	1,100	1		µg/L	WA	0
		Total organic halogens	379	312	327	344	5		µg/L	WA	2
		Total phosphates (as P)	<50	<50	<50	753	2		µg/L	WA	0
		Total suspended solids	1,000	<1,000	<1,000	<1,000	1		µg/L	GE	0
		Toxaphene	<1.1	<1.1	<1.1	<1.1	1.05		µg/L	WA	0
		2,4,5-TP (Silvex)	<0.56	<0.55	<0.52	<0.54	1.08		µg/L	WA	0
		1,1,1-Trichloroethane	1.4	1.4	<5.0	1.2	1	J	µg/L	WA	0
		1,1,2-Trichloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
■		Trichloroethylene	9.7	12	9.0	10	1		µg/L	WA	2
		Trichlorofluoromethane	12	14	13	18	1		µg/L	WA	2
		1,2,3-Trichloropropane	<10	<10	<10	<10	1		µg/L	WA	0
■		Tritium	2.9E+01	3.5E+01	3.3E+01	3.3E+01	1		pCi/mL	GP	2
		Vanadium, total recoverable	<3.0	<3.0	<3.0	<3.0	1		µg/L	WA	0
		Vinyl acetate	<10	<10	<10	<10	1		µg/L	WA	0
		Xylenes	4.1	4.9	2.6	3.1	1	J	µg/L	WA	0

Note: Flagging, dilution factors, modifiers, and laboratories are for fourth quarter 1994 data only. See Appendix B for flagging criteria.

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■ = exceeded screening level or final PDWS for fourth quarter 1994.

WELL LFW 59D

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

SAMPLE DATE	12/28/93	03/28/94	06/10/94	09/07/94
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FIELD DATA

Analyte	1Q94	2Q94	3Q94	4Q94	Unit
Water elevation	142.2	143.9	142.1	142.1	ft msl
Depth to water	25.4	23.7	25.5	25.6	ft
pH	4.7	4.8	5.0	4.9	pH
Sp. conductance	89	89	59	87	µS/cm
Water temperature	19.5	19.0	19.2	19.8	°C
Alkalinity as CaCO ₃	0	0	0	0	mg/L
Turbidity	1	0	1	2	NTU
Volume purged	3.8	8.3	6.8	5.4	well vol.
Sampling code					

ANALYTICAL DATA

H	ST	Analyte	1Q94	2Q94	3Q94	4Q94	DF	Mod	Unit	Lab	Flag
		Acetone	<10	21	<10	18	1		µg/L	WA	0
		Acetonitrile (Methyl cyanide)	<20	<20	<20	<20	1		µg/L	WA	0
		Acrolein	<10	<10	<10	<10	1		µg/L	WA	0
		Acrylonitrile	<10	<10	<10	<10	1		µg/L	WA	0
		Allyl chloride	<100	<20	<20	<20	1		µg/L	WA	0
		Aluminum, total recoverable	68	58	35	108	1		µg/L	WA	2
		Arsenic, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Barium, total recoverable	8.9	7.9	4.2	7.8	1		µg/L	WA	0
■		Benzene	15	7.8	1.1	15	1		µg/L	WA	2
		Bromodichloromethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Bromoform	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Bromomethane (Methyl bromide)	<10	<10	<10	<10	1		µg/L	WA	0
		Cadmium, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Calcium, total recoverable	1,010	969	604	908	1		µg/L	WA	0
		Carbon disulfide	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Carbon tetrachloride	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Chloride	17,600	15,600	10,900	17,400	5		µg/L	WA	0
		Chlorobenzene	2.0	1.5	<5.0	2.2	1	J	µg/L	WA	0
		Chloroethane	<10	13	<10	<10	1		µg/L	WA	0
		Chloroethene (Vinyl chloride)	<10	<10	<10	<10	1		µg/L	WA	0
		Chloroform	<5.0	1.1	<5.0	<5.0	1		µg/L	WA	0
		Chloromethane (Methyl chloride)	<10	3.1	6.3	<10	1		µg/L	WA	0
		Chloroprene	<20	<100	<100	<100	1		µg/L	WA	0
		Chromium, total recoverable	<4.0	<4.0	<4.0	<4.0	1		µg/L	WA	0
		Copper, total recoverable	<4.0	<4.0	6.1	8.4	1		µg/L	WA	0
		Dibromochloromethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,2-Dibromo-3-chloropropane	<20	<20	<20	<20	1		µg/L	WA	0
		1,2-Dibromoethane	<20	<20	<20	<20	1		µg/L	WA	0
		Dibromomethane	<10	<10	<10	<10	1		µg/L	WA	0
		trans-1,4-Dichloro-2-butene	<100	<100	<100	<100	1		µg/L	WA	0
		Dichlorodifluoromethane	23	64	27	40	1		µg/L	WA	2
		1,1-Dichloroethane	103	111	18	97	1		µg/L	WA	2
		1,2-Dichloroethane	5.6	3.9	<5.0	4.4	1	J	µg/L	WA	1
		1,1-Dichloroethylene	3.9	5.9	1.3	5.0	1		µg/L	WA	1
		trans-1,2-Dichloroethylene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
■		Dichloromethane	108	121	<23	109	1		µg/L	WA	2
		2,4-Dichlorophenoxyacetic acid	<1.1	<1.1	<1.1	<1.1	1.09		µg/L	WA	0
		1,2-Dichloropropane	<5.0	2.0	<5.0	<5.0	1		µg/L	WA	0
		cis-1,3-Dichloropropene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0

Note: Flagging, dilution factors, modifiers, and laboratories are for fourth quarter 1994 data only. See Appendix B for flagging criteria.

● = exceeded holding time for fourth quarter 1994.

■ = exceeded screening level or final PDWS for fourth quarter 1994.

Well LFW 59D continued

ANALYTICAL DATA

H	ST	Analyte	1Q94	2Q94	3Q94	4Q94	DF	Mod	Unit	Lab	Flag
		trans-1,3-Dichloropropene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Endrin	<0.11	<0.11	<0.10	<0.10	1.03		µg/L	WA	0
		Ethylbenzene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Fluoride	<100	<100	<100	<100	1		µg/L	WA	0
		Gross alpha	3.5E+00	2.8E+00	2.7E+00	2.5E+00	1	J	pCi/L	GP	0
		2-Hexanone	<10	<10	<10	<10	1		µg/L	WA	0
		Iodomethane (Methyl iodide)	<10	<10	<10	<10	1		µg/L	WA	0
		Iron, total recoverable	45	49	11	116	1		µg/L	WA	0
		Isobutyl alcohol	144	<20	<20	<20	1		µg/L	WA	0
		Lead, total recoverable	<3.0	<3.0	<3.0	<3.0	1		µg/L	WA	0
		Lindane	<0.052	<0.054	<0.052	<0.052	1.03		µg/L	WA	0
		Magnesium, total recoverable	1,420	1,430	871	1,260	1		µg/L	WA	0
		Manganese, total recoverable	10	9.5	3.9	6.8	1		µg/L	WA	0
		Mercury, total recoverable	<0.20	<0.20	0.71	<0.20	1		µg/L	WA	0
		Methacrylonitrile	<20	<20	<20	<20	1		µg/L	WA	0
		Methoxychlor	<0.53	<0.54	<0.52	<0.52	1.03		µg/L	WA	0
		Methyl ethyl ketone	<10	<10	<10	<10	1		µg/L	WA	0
		Methyl isobutyl ketone	<10	3.8	<10	<10	1		µg/L	WA	0
		Nickel, total recoverable	<4.0	4.3	<4.0	<4.0	1		µg/L	WA	0
		Nitrate as nitrogen	78	147	110	141	1		µg/L	WA	0
		Nonvolatile beta	6.4E+00	4.0E+00	1.4E+00	1.1E+00	1	UI	pCi/L	GP	0
●		pH	5.3	6.1	4.9	5.0	1	J	pH	WA	0
		Phenols	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Potassium, total recoverable	544	<500	<500	557	1		µg/L	WA	0
		Propionitrile	<50	<50	<50	<50	1		µg/L	WA	0
		Radium, total alpha-emitting				8.0E-01	1	J	pCi/L	GP	0
		Radium-226	1.5E+00	7.8E-01	8.0E-01				pCi/L		
		Radium-228	2.4E+00	1.0E+00	8.0E-01				pCi/L		
		Selenium, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Silica, total recoverable	12,000	12,500	9,870	11,600	2.1		µg/L	WA	0
		Silver, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Sodium, total recoverable	9,370	9,670	6,270	9,920	1		µg/L	WA	0
		Specific conductance	57	62	49	74	1		µS/cm	WA	0
		Styrene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Sulfate	<1,000	<1,000	<1,000	<1,000	1		µg/L	WA	0
		1,1,1,2-Tetrachloroethane	<10	<10	<10	<10	1		µg/L	WA	0
		1,1,2,2-Tetrachloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Tetrachloroethylene	2.2	4.5	1.1	3.9	1	J	µg/L	WA	1
		Toluene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Total dissolved solids	40,000	72,000	38,000	68,000	1		µg/L	WA	0
		Total organic carbon	2,110	<1,000	1,400	2,100	1		µg/L	WA	0
		Total organic halogens	771	952	182	830	6.66		µg/L	WA	2
		Total phosphates (as P)	<50	<50	<50	847	2		µg/L	WA	0
		Total suspended solids	<1,000	<1,000	4,000	<1,000	1		µg/L	GE	0
		Toxaphene	<1.1	<1.1	<1.0	<1.0	1.03		µg/L	WA	0
		2,4,5-TP (Silvex)	<0.55	<0.53	<0.54	<0.55	1.09		µg/L	WA	0
		1,1,1-Trichloroethane	11	31	6.6	20	1		µg/L	WA	0
		1,1,2-Trichloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
■		Trichloroethylene	25	37	5.2	34	1		µg/L	WA	2
		Trichlorofluoromethane	30	94	24	68	1		µg/L	WA	2
		1,2,3-Trichloropropane	<10	<10	<10	<10	1		µg/L	WA	0
■		Tritium	2.0E+01	2.2E+01	7.1E+00	2.3E+01	1		pCi/mL	GP	2
		Vanadium, total recoverable	<3.0	<3.0	<3.0	<3.0	1		µg/L	WA	0
		Vinyl acetate	<10	<10	<10	<10	1		µg/L	WA	0
		Xylenes	7.3	25	3.3	18	1		µg/L	WA	0

Note: Flagging, dilution factors, modifiers, and laboratories are for fourth quarter 1994 data only. See Appendix B for flagging criteria.

● = exceeded holding time for fourth quarter 1994.

■ = exceeded screening level or final PDWS for fourth quarter 1994.

WELL LFW 60B

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

SAMPLE DATE	03/27/94	06/08/94	09/09/94
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FIELD DATA

Analyte	1Q94	2Q94	3Q94	4Q94	Unit
Water elevation		137.7	137.3	137.2	ft msl
Depth to water		19.0	19.4	19.5	ft
pH		5.7	4.9	4.2	pH
Sp. conductance		49	52	58	µS/cm
Water temperature		20.2	20.2	20.1	°C
Alkalinity as CaCO ₃		6	0	0	mg/L
Turbidity		8	2	2	NTU
Volume purged		3.5	5.9	13.2	well vol.
Sampling code					

ANALYTICAL DATA

H	ST	Analyte	1Q94	2Q94	3Q94	4Q94	DF	Mod	Unit	Lab	Flag
		Acetone	<10	<10	<30	<30	1	J	µg/L	WA	0
		Acetonitrile (Methyl cyanide)	<20	<20	<20	<20	1		µg/L	WA	0
		Acrolein	<10	<10	<10	<10	1		µg/L	WA	0
		Acrylonitrile	<10	<10	<10	<10	1		µg/L	WA	0
		Allyl chloride	<20	<20	<20	<20	1		µg/L	WA	0
		Aluminum, total recoverable	303	177	256	256	1		µg/L	WA	2
		Arsenic, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Barium, total recoverable	17	15	11	11	1		µg/L	WA	0
		Benzene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Boron, total recoverable	<30	<52	<30	<30	1		µg/L	GE	0
		Bromodichloromethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Bromoform	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Bromomethane (Methyl bromide)	<10	<10	<10	<10	1		µg/L	WA	0
		Cadmium, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Calcium, total recoverable	2,410	2,080	1,630	1,630	1		µg/L	WA	0
		Carbon disulfide	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Carbon tetrachloride	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Chloride	1,840	1,780	1,820	1,820	1		µg/L	WA	0
		Chlorobenzene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Chloroethane	<10	<10	<10	<10	1		µg/L	WA	0
		Chloroethene (Vinyl chloride)	<10	<10	<10	<10	1		µg/L	WA	0
		Chloroform	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Chloromethane (Methyl chloride)	<10	3.2	2.3	2.3	1	J	µg/L	WA	0
		Chloroprene	<100	<100	<100	<100	1		µg/L	WA	0
		Chromium, total recoverable	<4.0	<4.0	<4.0	<4.0	1		µg/L	WA	0
		Copper, total recoverable	4.2	4.7	<4.0	<4.0	1		µg/L	WA	0
		Dibromochloromethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,2-Dibromo-3-chloropropane	<20	<20	<20	<20	1		µg/L	WA	0
		1,2-Dibromoethane	<20	<20	<20	<20	1		µg/L	WA	0
		Dibromomethane	<10	<10	<10	<10	1		µg/L	WA	0
		trans-1,4-Dichloro-2-butene	<100	<100	<100	<100	1		µg/L	WA	0
		Dichlorodifluoromethane	<10	<10	<10	<10	1		µg/L	WA	0
		1,1-Dichloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,2-Dichloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,1-Dichloroethylene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,2-Dichloroethylene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Dichloromethane	<5.0	<5.0	1.3	1.3	1	J	µg/L	WA	0
		2,4-Dichlorophenoxyacetic acid	<1.1	<1.1	<1.1	<1.1	1.11		µg/L	WA	0
		1,2-Dichloropropane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0

Note: Flagging, dilution factors, modifiers, and laboratories are for fourth quarter 1994 data only. See Appendix B for flagging criteria.

- = exceeded holding time for fourth quarter 1994.
- = exceeded screening level or final PDWS for fourth quarter 1994.

Well LFW 60B continued

ANALYTICAL DATA

H	ST	Analyte	1Q94	2Q94	3Q94	4Q94	DF	Mod	Unit	Lab	Flag
		cis-1,3-Dichloropropene		<5.0	<5.0	<5.0	1		µg/L	WA	0
		trans-1,3-Dichloropropene		<5.0	<5.0	<5.0	1		µg/L	WA	0
		Endrin		<0.11	<0.11	<0.11	1.1		µg/L	WA	0
		Ethylbenzene		<5.0	<5.0	<5.0	1		µg/L	WA	0
		Fluoride		<100	<100	<100	1		µg/L	WA	0
		Gross alpha		2.8E+00	5.4E+00	4.3E+00	1		pCi/L	GP	0
		2-Hexanone		<10	<10	<10	1		µg/L	WA	0
		Iodomethane (Methyl iodide)		<10	<10	<10	1		µg/L	WA	0
		Iron, total recoverable		133	52	57	1		µg/L	WA	0
		Isobutyl alcohol		<20	<20	<20	1		µg/L	WA	0
		Lead, total recoverable		<3.0	12	<3.0	1		µg/L	WA	0
		Lindane		<0.055	<0.056	<0.055	1.1		µg/L	WA	0
		Lithium, total recoverable		6.5	7.0	<5.0	1		µg/L	WA	0
		Magnesium, total recoverable		392	441	407	1		µg/L	WA	0
		Manganese, total recoverable		64	52	35	1		µg/L	WA	1
		Mercury, total recoverable		<0.20	<0.20	<0.20	1		µg/L	WA	0
		Methacrylonitrile		<20	<20	<20	1		µg/L	WA	0
		Methoxychlor		<0.55	<0.56	<0.55	1.1		µg/L	WA	0
		Methyl ethyl ketone		<10	<10	<10	1		µg/L	WA	0
		Methyl isobutyl ketone		<10	<10	<10	1		µg/L	WA	0
		Nickel, total recoverable		11	11	10	1		µg/L	WA	0
		Nitrate as nitrogen		361	265	277	1		µg/L	WA	0
		Nonvolatile beta		2.9E+00	3.8E+00	2.6E+00	1	J	pCi/L	GP	0
		pH		6.8	4.7	4.4	1	J	pH	WA	0
		Phenols		<5.0	<5.0	<5.0	1		µg/L	WA	0
		Potassium, total recoverable		<500	<500	<500	1		µg/L	WA	0
		Propionitrile		<50	<50	<50	1		µg/L	WA	0
		Radium, total alpha-emitting				3.0E+00	1		pCi/L	GP	0
		Radium-226		6.9E-01	<1.8E-01				pCi/L		
		Radium-228		1.1E+00	2.5E+00				pCi/L		
		Selenium, total recoverable		<2.0	<2.0	2.4	1		µg/L	WA	0
		Silica, dissolved		11,200	10,300	10,700	2.1		µg/L	WA	0
		Silica, total recoverable		12,600	11,100	11,500	2.1		µg/L	WA	0
		Silver, total recoverable		<2.0	<2.0	<2.0	1		µg/L	WA	0
		Sodium, total recoverable		4,570	2,970	1,990	1		µg/L	WA	0
		Specific conductance		37	39	47	1		µS/cm	WA	0
		Styrene		<5.0	<5.0	<5.0	1		µg/L	WA	0
		Sulfate		9,510	10,100	9,900	1		µg/L	WA	0
		1,1,1,2-Tetrachloroethane		<10	<10	<10	1		µg/L	WA	0
		1,1,2,2-Tetrachloroethane		<5.0	<5.0	<5.0	1		µg/L	WA	0
		Tetrachloroethylene		<5.0	<5.0	<5.0	1		µg/L	WA	0
		Toluene		<5.0	<5.0	<5.0	1		µg/L	WA	0
		Total activity			9.7E+02				pCi/L		
		Total dissolved solids		52,000	61,000	51,000	1		µg/L	WA	0
		Total organic carbon		<1,000	<1,000	<1,000	1		µg/L	WA	0
		Total organic halogens		<5.0	5.6	5.2	1		µg/L	WA	0
		Total phosphates (as P)		<50	<50	1,270	5		µg/L	WA	0
		Total suspended solids		7,000	1,000	<1,000	1		µg/L	GE	0
		Toxaphene		<1.1	<1.1	<1.1	1.1		µg/L	WA	0
		2,4,5-TP (Silvex)		<0.56	<0.56	<0.56	1.11		µg/L	WA	0
		1,1,1-Trichloroethane		<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,1,2-Trichloroethane		<5.0	<5.0	<5.0	1		µg/L	WA	0
		Trichloroethylene		<5.0	<5.0	<5.0	1		µg/L	WA	0
		Trichlorofluoromethane		<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,2,3-Trichloropropane		<10	<10	<10	1		µg/L	WA	0
		Tritium		4.3E-01	<1.8E-01	3.1E-01	1	UI	pCi/mL	GP	0
		Vanadium, total recoverable		<3.0	<3.0	<3.0	1		µg/L	WA	0
		Vinyl acetate		<10	<10	<10	1		µg/L	WA	0
		Xylenes		<5.0	<5.0	<5.0	1		µg/L	WA	0

Note: Flagging, dilution factors, modifiers, and laboratories are for fourth quarter 1994 data only. See Appendix B for flagging criteria.

● = exceeded holding time for fourth quarter 1994.

■ = exceeded screening level or final PDWS for fourth quarter 1994.

WELL LFW 60C

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

SAMPLE DATE	03/21/94	06/08/94	09/09/94
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FIELD DATA

Analyte	1Q94	2Q94	3Q94	4Q94	Unit
Water elevation		137.8	137.4	137.4	ft msl
Depth to water		19.4	19.8	19.8	ft
pH		6.1	6.0	5.4	pH
Sp. conductance		216	138	124	µS/cm
Water temperature		19.8	20.7	19.2	°C
Alkalinity as CaCO ₃		69	28	19	mg/L
Turbidity		6	1	4	NTU
Volume purged		2.6	4.4	13.9	well vol.
Sampling code					

ANALYTICAL DATA

H	ST	Analyte	1Q94	2Q94	3Q94	4Q94	DF	Mod	Unit	Lab	Flag
		Acetone	<10	<10	<10	<10	1		µg/L	WA	0
		Acetonitrile (Methyl cyanide)	<20	<20	<20	<20	1		µg/L	WA	0
		Acrolein	<10	<10	<10	<10	1		µg/L	WA	0
		Acrylonitrile	<10	<10	<10	<10	1		µg/L	WA	0
		Allyl chloride	<20	<20	<20	<20	1		µg/L	WA	0
		Aluminum, total recoverable	551	294	60	60	1		µg/L	WA	2
		Arsenic, total recoverable	<2.0	<2.0	3.3	3.3	1		µg/L	WA	0
		Barium, total recoverable	29	14	9.4	9.4	1		µg/L	WA	0
		Benzene	3.2	<5.0	3.1	3.1	1	J	µg/L	WA	1
		Boron, total recoverable	34	<52	<30	<30	1		µg/L	GE	0
		Bromodichloromethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Bromoform	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Bromomethane (Methyl bromide)	<10	<10	<10	<10	1		µg/L	WA	0
		Cadmium, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Calcium, total recoverable	4,310	2,180	1,640	1,640	1		µg/L	WA	0
		Carbon disulfide	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Carbon tetrachloride	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Chloride	15,200	7,650	15,700	15,700	2		µg/L	WA	0
		Chlorobenzene	<5.0	<5.0	1.3	1.3	1	J	µg/L	WA	0
		Chloroethane	<10	<10	<10	<10	1		µg/L	WA	0
		Chloroethene (Vinyl chloride)	<10	<10	<10	<10	1		µg/L	WA	0
		Chloroform	1.3	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Chloromethane (Methyl chloride)	<10	4.4	7.2	7.2	1	J	µg/L	WA	1
		Chloroprene	<100	<100	<100	<100	1		µg/L	WA	0
		Chromium, total recoverable	4.1	<4.0	<4.0	<4.0	1		µg/L	WA	0
		Copper, total recoverable	<4.0	<4.0	<4.0	<4.0	1		µg/L	WA	0
		Dibromochloromethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,2-Dibromo-3-chloropropane	<20	<20	<20	<20	1		µg/L	WA	0
		1,2-Dibromoethane	<20	<20	<20	<20	1		µg/L	WA	0
		Dibromomethane	<10	<10	<10	<10	1		µg/L	WA	0
		trans-1,4-Dichloro-2-butene		<100	<100	<100	1		µg/L	WA	0
		Dichlorodifluoromethane	7.3	3.6	18	18	1		µg/L	WA	2
		1,1-Dichloroethane	48	18	41	41	1		µg/L	WA	2
		1,2-Dichloroethane	2.6	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,1-Dichloroethylene	1.6	<5.0	1.3	1.3	1	J	µg/L	WA	0
		1,2-Dichloroethylene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
■		Dichloromethane	23	<40	20	20	1		µg/L	WA	2
		2,4-Dichlorophenoxyacetic acid	<1.1	<1.1	<1.1	<1.1	1.08		µg/L	WA	0
		1,2-Dichloropropane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0

Note: Flagging, dilution factors, modifiers, and laboratories are for fourth quarter 1994 data only. See Appendix B for flagging criteria.

- = exceeded holding time for fourth quarter 1994.
- = exceeded screening level or final PDWS for fourth quarter 1994.

Well LFW 60C continued

ANALYTICAL DATA

H	ST	Analyte	1Q94	2Q94	3Q94	4Q94	DF	Mod	Unit	Lab	Flag
		cis-1,3-Dichloropropene		<5.0	<5.0	<5.0	1		µg/L	WA	0
		trans-1,3-Dichloropropene		<5.0	<5.0	<5.0	1		µg/L	WA	0
		Endrin		<0.11	<0.11	<0.10	1.04		µg/L	WA	0
		Ethylbenzene		<5.0	<5.0	<5.0	1		µg/L	WA	0
		Fluoride		<100	<100	<100	1		µg/L	WA	0
		Gross alpha		9.0E-01	<9.3E-01	-3.3E-02	1	UI	pCi/L	GP	0
		2-Hexanone		<10	<10	<10	1		µg/L	WA	0
		Iodomethane (Methyl iodide)		<10	<10	<10	1		µg/L	WA	0
		Iron, total recoverable		282	116	142	1		µg/L	WA	0
		Isobutyl alcohol		<20	<20	<20	1		µg/L	WA	0
		Lead, total recoverable		<3.0	8.1	<3.0	1		µg/L	WA	0
		Lindane		<0.055	<0.052	<0.052	1.04		µg/L	WA	0
		Lithium, total recoverable		<5.0	<5.0	<5.0	1		µg/L	WA	0
		Magnesium, total recoverable		808	518	439	1		µg/L	WA	0
		Manganese, total recoverable		111	60	43	1		µg/L	WA	1
		Mercury, total recoverable		<0.20	<0.20	<0.20	1		µg/L	WA	0
		Methacrylonitrile		<20	<20	<20	1		µg/L	WA	0
		Methoxychlor		<0.55	<0.53	<0.52	1.04		µg/L	WA	0
		Methyl ethyl ketone		<10	<10	<10	1		µg/L	WA	0
		Methyl isobutyl ketone		<10	<10	<10	1		µg/L	WA	0
		Nickel, total recoverable		<4.0	<4.0	<4.0	1		µg/L	WA	0
		Nitrate as nitrogen		396	638	509	1		µg/L	WA	0
		Nonvolatile beta		1.6E+00	9.0E-01	4.0E-01	1	UI	pCi/L	GP	0
●		pH		6.5	6.0	5.6	1	J	pH	WA	0
		Phenols		<5.0	<5.0	<5.0	1		µg/L	WA	0
		Potassium, total recoverable		635	<500	<500	1		µg/L	WA	0
		Propionitrile		<50	<50	<50	1		µg/L	WA	0
		Radium, total alpha-emitting				1.0E-01	1	UI	pCi/L	GP	0
		Radium-226		2.1E-01	1.0E+00				pCi/L		
		Radium-228		<1.2E-01	1.1E+00				pCi/L		
		Selenium, total recoverable		<2.0	<2.0	<2.0	1		µg/L	WA	0
		Silica, dissolved			13,300	13,700	2.1		µg/L	WA	0
		Silica, total recoverable		19,700	15,000	9,060	2.1		µg/L	WA	0
		Silver, total recoverable		<2.0	<2.0	<2.0	1		µg/L	WA	0
		Sodium, total recoverable		37,900	20,500	13,000	1		µg/L	WA	0
		Specific conductance		193	107	102	1		µS/cm	WA	0
		Styrene		<5.0	<5.0	<5.0	1		µg/L	WA	0
		Sulfate		17,200	9,770	4,070	1		µg/L	WA	0
		1,1,1,2-Tetrachloroethane		<10	<10	<10	1		µg/L	WA	0
		1,1,2,2-Tetrachloroethane		<5.0	<5.0	<5.0	1		µg/L	WA	0
		Tetrachloroethylene		<5.0	<5.0	1.0	1	J	µg/L	WA	0
		Toluene		1.4	<5.0	<5.0	1		µg/L	WA	0
		Total activity			3.8E+03				pCi/L		
		Total dissolved solids		132,000	104,000	81,000	1		µg/L	WA	0
		Total organic carbon		2,300	1,350	2,300	1		µg/L	WA	0
		Total organic halogens		178	64	403	6.66		µg/L	WA	2
		Total phosphates (as P)		154	102	<50	1		µg/L	WA	0
		Total suspended solids		4,000	<1,000	<1,000	1		µg/L	GE	0
		Toxaphene		<1.1	<1.1	<1.0	1.04		µg/L	WA	0
		2,4,5-TP (Silvex)		<0.56	<0.56	<0.54	1.08		µg/L	WA	0
		1,1,1-Trichloroethane		2.1	<5.0	3.9	1	J	µg/L	WA	0
		1,1,2-Trichloroethane		<5.0	<5.0	<5.0	1		µg/L	WA	0
■		Trichloroethylene		6.3	2.2	5.9	1		µg/L	WA	2
		Trichlorofluoromethane		16	5.6	48	1		µg/L	WA	2
		1,2,3-Trichloropropane		<10	<10	<10	1		µg/L	WA	0
		Tritium		6.2E+00	2.3E+00	5.8E+00	1		pCi/mL	GP	0
		Vanadium, total recoverable		3.8	<3.0	<3.0	1		µg/L	WA	0
		Vinyl acetate		<10	<10	<10	1		µg/L	WA	0
		Xylenes		1.5	<5.0	3.4	1		µg/L	WA	0

Note: Flagging, dilution factors, modifiers, and laboratories are for fourth quarter 1994 data only. See Appendix B for flagging criteria.

● = exceeded holding time for fourth quarter 1994.

■ = exceeded screening level or final PDWS for fourth quarter 1994.

WELL LFW 60D

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

SAMPLE DATE	12/20/93	03/21/94	06/09/94	09/09/94
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FIELD DATA

Analyte	1Q94	2Q94	3Q94	4Q94	Unit
Water elevation	137.9	137.2	137.8	137.8	ft msl
Depth to water	19.2	20.0	19.3	19.3	ft
pH	5.5	5.3	5.1	5.1	pH
Sp. conductance	18	22	19	18	µS/cm
Water temperature	16.1	19.2	18.3	19.0	°C
Alkalinity as CaCO ₃	1	1	1	1	mg/L
Turbidity	16	4	2	2	NTU
Volume purged	1.2	1.3	1.3	1.4	well vol.
Sampling code	X	X	X	X	

ANALYTICAL DATA

H	ST	Analyte	1Q94	2Q94	3Q94	4Q94	DF	Mod	Unit	Lab	Flag
		Acetone	<10	<10	13	<30	1	J	µg/L	WA	0
		Acetonitrile (Methyl cyanide)	<20	<20	<20	<20	1		µg/L	WA	0
		Acrolein	<10	<10	<10	<10	1		µg/L	WA	0
		Acrylonitrile	<10	<10	<10	<10	1		µg/L	WA	0
		Allyl chloride	<100	<20	<20	<20	1		µg/L	WA	0
		Aluminum, total recoverable	38	32	39	29	1		µg/L	WA	1
		Arsenic, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Barium, total recoverable	4.5	4.1	4.1	<4.0	1		µg/L	WA	0
		Benzene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Bromodichloromethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Bromoform	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Bromomethane (Methyl bromide)	<10	<10	<10	<10	1		µg/L	WA	0
		Cadmium, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Calcium, total recoverable	598	587	527	472	1		µg/L	WA	0
		Carbon disulfide	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Carbon tetrachloride	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Chloride	1,990	2,000	1,740	1,150	1		µg/L	WA	0
		Chlorobenzene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Chloroethane	<10	<10	<10	<10	1		µg/L	WA	0
		Chloroethene (Vinyl chloride)	<10	<10	<10	<10	1		µg/L	WA	0
		Chloroform	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Chloromethane (Methyl chloride)	<10	<10	10	5.0	1	J	µg/L	WA	0
		Chloroprene	<20	<100	<100	<100	1		µg/L	WA	0
		Chromium, total recoverable	<4.0	<4.0	<4.0	<4.0	1		µg/L	WA	0
		Copper, total recoverable	<4.0	<4.0	5.2	4.1	1		µg/L	WA	0
		Dibromochloromethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,2-Dibromo-3-chloropropane	<20	<20	<20	<20	1		µg/L	WA	0
		1,2-Dibromoethane	<20	<20	<20	<20	1		µg/L	WA	0
		Dibromomethane	<10	<10	<10	<10	1		µg/L	WA	0
		trans-1,4-Dichloro-2-butene	<100	<100	<100	<100	1		µg/L	WA	0
		Dichlorodifluoromethane	1.6	2.0	3.0	1.9	1	J	µg/L	WA	0
		1,1-Dichloroethane	1.2	1.6	1.2	<5.0	1		µg/L	WA	0
		1,2-Dichloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,1-Dichloroethylene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		trans-1,2-Dichloroethylene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Dichloromethane	<5.0	<2.6	<21	2.5	1	J	µg/L	WA	1
		2,4-Dichlorophenoxyacetic acid	<1.1	<1.1	<1.1	<1.1	1.08		µg/L	WA	0
		1,2-Dichloropropane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		cis-1,3-Dichloropropene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0

Note: Flagging, dilution factors, modifiers, and laboratories are for fourth quarter 1994 data only. See Appendix B for flagging criteria.

● = exceeded holding time for fourth quarter 1994.

■ = exceeded screening level or final PDWS for fourth quarter 1994.

Well LFW 60D continued

ANALYTICAL DATA

H	ST	Analyte	1Q94	2Q94	3Q94	4Q94	DF	Mod	Unit	Lab	Flag
		trans-1,3-Dichloropropene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Endrin	<0.11	<0.11	<0.11	<0.11	1.05		µg/L	WA	0
		Ethylbenzene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Fluoride	<100	<100	<100	<100	1		µg/L	WA	0
		Gross alpha	<5.2E-01	6.0E-01	<7.1E-01	2.2E-01	1	UI	pCi/L	GP	0
		2-Hexanone	<10	<10	<10	<10	1		µg/L	WA	0
		Iodomethane (Methyl iodide)	<10	<10	<10	<10	1		µg/L	WA	0
		Iron, total recoverable	160	111	68	64	1		µg/L	WA	0
		Isobutyl alcohol	<20	<20	<20	<20	1		µg/L	WA	0
		Lead, total recoverable	<3.0	<3.0	5.1	6.7	1		µg/L	WA	0
		Lindane	<0.055	<0.055	<0.055	<0.052	1.05		µg/L	WA	0
		Magnesium, total recoverable	279	290	277	252	1		µg/L	WA	0
		Manganese, total recoverable	13	12	9.8	9.7	1		µg/L	WA	0
		Mercury, total recoverable	<0.20	<0.20	<0.20	<0.20	1		µg/L	WA	0
		Methacrylonitrile	<20	<20	<20	<20	1		µg/L	WA	0
		Methoxychlor	<0.55	<0.55	<0.55	<0.53	1.05		µg/L	WA	0
		Methyl ethyl ketone	<10	<10	<10	<10	1		µg/L	WA	0
		Methyl isobutyl ketone	<10	<10	<10	<10	1		µg/L	WA	0
		Nickel, total recoverable	<4.0	<4.0	<4.0	<4.0	1		µg/L	WA	0
		Nitrate as nitrogen	<20	68	27	58	1		µg/L	WA	0
		Nonvolatile beta	1.1E+01	<6.0E-01	<6.6E-01	1.2E+00	1	UI	pCi/L	GP	0
•		pH	5.5	6.0	5.2	5.4	1	J	pH	WA	0
		Phenols	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Potassium, total recoverable	<500	<500	<500	<500	1		µg/L	WA	0
		Propionitrile	<50	<50	<50	<50	1		µg/L	WA	0
		Radium, total alpha-emitting				-2.0E-01	1	UI	pCi/L	GP	0
		Radium-226	<2.0E-01	<1.4E-01	9.5E-01				pCi/L		
		Radium-228	1.9E+00	<1.3E-01	1.4E+00				pCi/L		
		Selenium, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Silica, total recoverable	5,250	5,060	4,950	5,240	2.1		µg/L	WA	0
		Silver, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Sodium, total recoverable	1,410	1,290	1,220	1,100	1		µg/L	WA	0
		Specific conductance	13	14	14	14	1		µS/cm	WA	0
		Styrene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Sulfate	<1,000	<1,000	<1,000	<1,000	1		µg/L	WA	0
		1,1,1,2-Tetrachloroethane	<10	<10	<10	<10	1		µg/L	WA	0
		1,1,2,2-Tetrachloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Tetrachloroethylene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Toluene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Total dissolved solids	13,000	18,000	48,000	25,000	1		µg/L	WA	0
		Total organic carbon	1,050	1,480	<1,000	1,800	1		µg/L	WA	0
		Total organic halogens	24	21	12	15	1		µg/L	WA	0
		Total phosphates (as P)	<50	<50	<50	1,880	10		µg/L	WA	0
		Total suspended solids	13,000	12,000	<1,000	<1,000	1		µg/L	GE	0
		Toxaphene	<1.1	<1.1	<1.1	<1.1	1.05		µg/L	WA	0
		2,4,5-TP (Silvex)	<0.55	<0.55	<0.54	<0.54	1.08		µg/L	WA	0
		1,1,1-Trichloroethane	2.2	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,1,2-Trichloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Trichloroethylene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Trichlorofluoromethane	3.6	4.4	4.0	4.3	1	J	µg/L	WA	0
		1,2,3-Trichloropropane	<10	<10	<10	<10	1		µg/L	WA	0
		Tritium	2.0E+00	1.4E+00	2.7E+00	4.0E+00	1		pCi/mL	GP	0
		Vanadium, total recoverable	<3.0	<3.0	<3.0	<3.0	1		µg/L	WA	0
		Vinyl acetate	<10	<10	<10	<10	1		µg/L	WA	0
		Xylenes	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0

Note: Flagging, dilution factors, modifiers, and laboratories are for fourth quarter 1994 data only. See Appendix B for flagging criteria.

• = exceeded holding time for fourth quarter 1994.

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WELL LFW 61C

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

SAMPLE DATE	12/28/93	03/28/94	06/09/94	09/08/94
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FIELD DATA

Analyte	1Q94	2Q94	3Q94	4Q94	Unit
Water elevation	141.1	142.6	141.0	140.6	ft msl
Depth to water	27.2	25.8	27.4	27.7	ft
pH	6.5	6.6	6.7	6.7	pH
Sp. conductance	773	742	740	770	µS/cm
Water temperature	18.8	19.5	20.0	20.0	°C
Alkalinity as CaCO ₃	183	237	222	255	mg/L
Turbidity	1	1	1	1	NTU
Volume purged	5.1	3.7	7.6	2.4	well vol.
Sampling code					

ANALYTICAL DATA

H	ST	Analyte	1Q94	2Q94	3Q94	4Q94	DF	Mod	Unit	Lab	Flag
		Acetone	1,600	1,280	778	1,070	20		µg/L	WA	2
		Acetonitrile (Methyl cyanide)	<400	6.6	<20	<20	1		µg/L	WA	0
		Acrolein	<200	<10	<10	<10	1		µg/L	WA	0
		Acrylonitrile	<200	<10	<10	<10	1		µg/L	WA	0
		Allyl chloride	<2,000	<20	<20	<20	1		µg/L	WA	0
		Aluminum, total recoverable	<20	<20	101	259	1		µg/L	WA	2
		Arsenic, total recoverable	5.5	12	12	12	1		µg/L	WA	0
		Barium, total recoverable	9.6	15	13	13	1		µg/L	WA	0
		Benzene	<100	3.7	3.0	2.6	1	J	µg/L	WA	1
		Bromodichloromethane	<100	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Bromoform	<100	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Bromomethane (Methyl bromide)	<200	<10	<10	<10	1		µg/L	WA	0
		Cadmium, total recoverable	<10	<10	<10	<2.0	1		µg/L	WA	0
		Calcium, total recoverable	21,300	21,400	17,800	19,700	1		µg/L	WA	0
		Carbon disulfide	<100	1.3	<5.0	<5.0	1		µg/L	WA	0
		Carbon tetrachloride	<100	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Chloride	22,200	22,700	20,800	12,400	10		µg/L	WA	0
		Chlorobenzene	<100	<5.0	1.2	<5.0	1		µg/L	WA	0
		Chloroethane	<200	17	15	14	1		µg/L	WA	2
		Chloroethene (Vinyl chloride)	<200	<10	<10	<10	1		µg/L	WA	0
		Chloroform	<100	1.5	1.1	<5.0	1		µg/L	WA	0
		Chloromethane (Methyl chloride)	<200	1.6	<10	<10	1		µg/L	WA	0
		Chloroprene	<400	<100	<100	<100	1		µg/L	WA	0
		Chromium, total recoverable	<4.0	<4.0	<4.0	<4.0	1		µg/L	WA	0
		Copper, total recoverable	<4.0	<4.0	13	5.2	1		µg/L	WA	0
		Dibromochloromethane	<100	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,2-Dibromo-3-chloropropane	<400	<20	<20	<20	1		µg/L	WA	0
		1,2-Dibromoethane	<400	<20	<20	<20	1		µg/L	WA	0
		Dibromomethane	<200	<10	<10	<10	1		µg/L	WA	0
		trans-1,4-Dichloro-2-butene	<2,000	<100	<100	<100	1		µg/L	WA	0
		Dichlorodifluoromethane	103	89	99	84	1		µg/L	WA	2
		1,1-Dichloroethane	102	102	99	92	1		µg/L	WA	2
		1,2-Dichloroethane	<100	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,1-Dichloroethylene	<100	6.1	7.5	5.8	1		µg/L	WA	1
		trans-1,2-Dichloroethylene	<100	<5.0	<5.0	<5.0	1		µg/L	WA	0
■		Dichloromethane	412	540	400	460	20		µg/L	WA	2
		2,4-Dichlorophenoxyacetic acid	<1.1	<1.1	<1.1	<1.1	1.06		µg/L	WA	0
		1,2-Dichloropropane	<100	3.7	2.6	2.6	1	J	µg/L	WA	1
		cis-1,3-Dichloropropene	<100	<5.0	<5.0	<5.0	1		µg/L	WA	0

Note: Flagging, dilution factors, modifiers, and laboratories are for fourth quarter 1994 data only. See Appendix B for flagging criteria.

● = exceeded holding time for fourth quarter 1994.

■ = exceeded screening level or final PDWS for fourth quarter 1994.

Well LFW 61C continued

ANALYTICAL DATA

H	ST	Analyte	1Q94	2Q94	3Q94	4Q94	DF	Mod	Unit	Lab	Flag
		trans-1,3-Dichloropropene	<100	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Endrin	<0.10	<0.10	<0.11	<0.11	1.06		µg/L	WA	0
		Ethylbenzene	72	63	38	35	1		µg/L	WA	0
		Fluoride	<100	187	225	287	1		µg/L	WA	0
		Gross alpha	2.6E+00	3.8E+00	<1.1E+00	2.0E+00	1	J	pCi/L	GP	0
		2-Hexanone	<200	<10	<10	<10	1		µg/L	WA	0
		Iodomethane (Methyl iodide)	<200	<10	<10	<10	1		µg/L	WA	0
		Iron, total recoverable	140,000	143,000	137,000	168,000	5		µg/L	WA	2
		Isobutyl alcohol	<400	<20	<20	<20	1		µg/L	WA	0
		Lead, total recoverable	<3.0	<3.0	<3.0	<3.0	1		µg/L	WA	0
		Lindane	<0.050	<0.052	<0.054	<0.053	1.06		µg/L	WA	0
		Magnesium, total recoverable	15,900	20,600	14,700	16,400	1		µg/L	WA	0
		Manganese, total recoverable	86	168	135	109	1		µg/L	WA	2
		Mercury, total recoverable	<0.20	<0.20	<0.20	<0.20	1		µg/L	WA	0
		Methacrylonitrile	<400	<20	<20	<20	1		µg/L	WA	0
		Methoxychlor	<0.50	<0.52	<0.54	<0.53	1.06		µg/L	WA	0
		Methyl ethyl ketone	3,900	2,560	2,070	2,130	20		µg/L	WA	0
		Methyl isobutyl ketone	3,180	1,840	553	683	20		µg/L	WA	0
		Nickel, total recoverable	<4.0	<4.0	<4.0	4.9	1		µg/L	WA	0
		Nitrate as nitrogen	<20	<20	<20	<20	1		µg/L	WA	0
●		Nonvolatile beta	8.3E+00	5.9E+00	<8.1E-01	1.1E+00	1	J	pCi/L	GP	0
		pH	6.1	6.7	5.3	5.6	1	J	pH	WA	0
		Phenols	217	271	202	183	1		µg/L	WA	2
		Potassium, total recoverable	756	<2,500	511	<500	1		µg/L	WA	0
		Propionitrile	<1,000	<50	<50	<50	1		µg/L	WA	0
		Radium, total alpha-emitting				9.0E-01	1	J	pCi/L	GP	0
		Radium-226	1.4E+00	9.1E-01	8.7E-01				pCi/L		
		Radium-228	2.6E+00	1.0E+00	1.4E+00				pCi/L		
		Selenium, total recoverable	2.1	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Silica, total recoverable	6,360	5,320	4,360	4,960	2.1		µg/L	WA	0
		Silver, total recoverable	<10	<10	<10	6.3	1		µg/L	WA	0
		Sodium, total recoverable	21,600	24,300	18,400	21,800	1		µg/L	WA	0
		Specific conductance	423	438	414	437	1		µS/cm	WA	1
		Styrene	<100	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Sulfate	1,310	<1,000	<1,000	<1,000	1		µg/L	WA	0
		1,1,1,2-Tetrachloroethane	<200	<10	<10	<10	1		µg/L	WA	0
		1,1,2,2-Tetrachloroethane	<100	<5.0	<5.0	<5.0	1		µg/L	WA	0
■		Tetrachloroethylene	<100	13	12	13	1		µg/L	WA	2
		Toluene	112	91	84	70	1		µg/L	WA	0
		Total dissolved solids	364,000	383,000	326,000	334,000	1		µg/L	WA	0
		Total organic carbon	168,000	116,000	125,000	113,000	10		µg/L	WA	2
		Total organic halogens	1,220	1,010	1,050	990	10		µg/L	WA	2
		Total phosphates (as P)	<50	58	59	444	1		µg/L	WA	0
		Total suspended solids	89,000	13,000	130,000	134,000	1		µg/L	GE	0
		Toxaphene	<1.0	<1.0	<1.1	<1.1	1.06		µg/L	WA	0
		2,4,5-TP (Silvex)	<0.53	<0.53	<0.54	<0.53	1.06		µg/L	WA	0
		1,1,1-Trichloroethane	29	30	44	23	1		µg/L	WA	0
		1,1,2-Trichloroethane	<100	<5.0	<5.0	<5.0	1		µg/L	WA	0
■		Trichloroethylene	30	32	27	30	1		µg/L	WA	2
		Trichlorofluoromethane	79	74	100	77	1		µg/L	WA	2
		1,2,3-Trichloropropane	<200	<10	<10	<10	1		µg/L	WA	0
		Tritium	2.6E+00	4.6E+00	5.2E+00	5.5E+00	1		pCi/mL	GP	0
		Vanadium, total recoverable	<15	<3.0	<3.0	<3.0	1		µg/L	WA	0
		Vinyl acetate	<200	<10	<10	<10	1		µg/L	WA	0
		Xylenes	297	330	170	167	1		µg/L	WA	0

Note: Flagging, dilution factors, modifiers, and laboratories are for fourth quarter 1994 data only. See Appendix B for flagging criteria.

● = exceeded holding time for fourth quarter 1994.

■ = exceeded screening level or final PDWS for fourth quarter 1994.

WELL LFW 61D

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

SAMPLE DATE	12/28/93	03/28/94	06/09/94	09/08/94
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FIELD DATA

Analyte	1Q94	2Q94	3Q94	4Q94	Unit
Water elevation	142.3	145.0	142.4	142.2	ft msl
Depth to water	26.0	23.3	25.9	26.1	ft
pH	5.7	5.6	5.5	5.3	pH
Sp. conductance	44	70	41	39	µS/cm
Water temperature	19.8	18.6	18.8	19.0	°C
Alkalinity as CaCO ₃	9	15	5	3	mg/L
Turbidity	1	0	1	0	NTU
Volume purged	6.8	19.7	22.0	28.7	well vol.
Sampling code					

ANALYTICAL DATA

H	ST	Analyte	1Q94	2Q94	3Q94	4Q94	DF	Mod	Unit	Lab	Flag
		Acetone	<10	<10	<25	<10	1		µg/L	WA	0
		Acetonitrile (Methyl cyanide)	<20	<20	<20	<5.0	1		µg/L	GE	0
		Acrolein	<10	<10	<10	<10	1		µg/L	WA	0
		Acrylonitrile	<10	<10	<10	<10	1		µg/L	WA	0
		Allyl chloride	<100	<20	<20	<20	1		µg/L	WA	0
		Aluminum, total recoverable	25	174	97	73	1		µg/L	GE	2
		Arsenic, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	GE	0
		Barium, total recoverable	<4.0	4.8	<4.0	<3.0	1		µg/L	GE	0
		Benzene	<5.0	<5.0	<5.0	<1.0	1		µg/L	GE	0
		Bis(2-chloroisopropyl) ether				<5.0	1		µg/L	GE	0
		Bromodichloromethane	<5.0	<5.0	<5.0	<1.0	1		µg/L	GE	0
		Bromoform	<5.0	<5.0	<5.0	<1.0	1		µg/L	GE	0
		Bromomethane (Methyl bromide)	<10	<10	<10	<1.0	1		µg/L	GE	0
		Cadmium, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	GE	0
		Calcium, total recoverable	656	746	482	453	1		µg/L	WA	0
		Carbon disulfide	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Carbon tetrachloride	<5.0	<5.0	<5.0	<1.0	1		µg/L	GE	0
		Chloride	2,510	2,640	2,690	2,430	1		µg/L	GE	0
		Chlorobenzene	<5.0	<5.0	<5.0	<1.0	1		µg/L	GE	0
		Chloroethane	<10	9.7	<10	2.4	1		µg/L	GE	0
		Chloroethene (Vinyl chloride)	<10	<10	<10	<1.0	1		µg/L	GE	0
		Chloroform	<5.0	<5.0	<5.0	<1.0	1		µg/L	GE	0
		Chloromethane (Methyl chloride)	<10	<10	<10	<1.0	1		µg/L	GE	0
		Chloroprene	<20	<100	<100	<100	1		µg/L	WA	0
		Chromium, total recoverable	<4.0	<4.0	<4.0	<4.0	1		µg/L	GE	0
		Copper, total recoverable	<4.0	<4.0	<4.0	6.9	1		µg/L	WA	0
		Dibromochloromethane	<5.0	<5.0	<5.0	<1.0	1		µg/L	GE	0
		1,2-Dibromo-3-chloropropane	<20	<20	<20	<5.0	1		µg/L	GE	0
		1,2-Dibromoethane	<20	<20	<20	<20	1		µg/L	GE	0
		Dibromomethane	<10	<10	<10	<1.0	1		µg/L	GE	0
		trans-1,4-Dichloro-2-butene	<100	<100	<100	<30	1		µg/L	GE	0
		Dichlorodifluoromethane	56	102	25	48	1		µg/L	GE	2
		1,1-Dichloroethane	35	67	25	44	1		µg/L	GE	2
		1,2-Dichloroethane	<5.0	<5.0	<5.0	<1.0	1		µg/L	GE	0
		1,1-Dichloroethylene	3.2	5.1	2.3	3.5	1		µg/L	GE	1
		trans-1,2-Dichloroethylene	<5.0	<5.0	<5.0	<1.0	1		µg/L	GE	0
■		Dichloromethane	33	132	36	58	1		µg/L	GE	2
		2,4-Dichlorophenoxyacetic acid	<1.1	<1.1	<1.1	<0.0015	1	J	µg/L	GE	0
		1,2-Dichloropropane	<5.0	2.4	<5.0	1.4	1	J	µg/L	GE	0

Note: Flagging, dilution factors, modifiers, and laboratories are for fourth quarter 1994 data only. See Appendix B for flagging criteria.

● = exceeded holding time for fourth quarter 1994.

■ = exceeded screening level or final PDWS for fourth quarter 1994.

Well LFW 61D continued

ANALYTICAL DATA

H	ST	Analyte	1Q94	2Q94	3Q94	4Q94	DF	Mod	Unit	Lab	Flag
		cis-1,3-Dichloropropene	<5.0	<5.0	<5.0	<1.0	1		µg/L	GE	0
		trans-1,3-Dichloropropene	<5.0	<5.0	<5.0	<1.0	1		µg/L	GE	0
		Endrin	<0.11	<0.11	<0.11	<0.11	1.05		µg/L	WA	0
		Ethylbenzene	<5.0	<5.0	<5.0	<1.0	1		µg/L	GE	0
		Fluoride	<100	<100	<100	97	1		µg/L	GE	0
		Gross alpha	2.8E+00	3.6E+00	2.7E+00	2.7E+00	1		pCi/L	TM	0
		2-Hexanone	<10	<10	<10	<10	1		µg/L	GE	0
		Iodomethane (Methyl iodide)	<10	<10	<10	<10	1		µg/L	WA	0
		Iron, total recoverable	5,470	8,630	4,060	3,530	1		µg/L	GE	2
		Isobutyl alcohol	<20	<20	<20	<20	1		µg/L	WA	0
		Lead, total recoverable	<3.0	<3.0	<3.0	<3.0	1		µg/L	GE	0
		Lindane	<0.052	<0.053	<0.052	<0.052	1.05		µg/L	WA	0
		Magnesium, total recoverable	1,060	1,270	749	646	1		µg/L	GE	0
		Manganese, total recoverable	<2.0	<2.0	2.2	<2.0	1		µg/L	GE	0
		Mercury, total recoverable	<0.20	<0.20	<0.20	0.39	1		µg/L	GE	0
		Methacrylonitrile	<20	<20	<20	<20	1		µg/L	WA	0
		Methoxychlor	<0.53	<0.53	<0.53	<0.49	1		µg/L	GE	0
		Methyl ethyl ketone	<10	<10	<10	<1.0	1		µg/L	GE	0
		Methyl isobutyl ketone	<10	<10	<10	<10	1		µg/L	GE	0
		Methyl methacrylate				<5.0	1		µg/L	GE	0
		Nickel, total recoverable	<4.0	<4.0	<4.0	<4.0	1		µg/L	GE	0
		Nitrate as nitrogen	44	53	75	84	1		µg/L	WA	0
		Nitrate-nitrite as nitrogen				62	1	J	µg/L	GE	0
		Nonvolatile beta	1.4E+01	2.9E+00	2.3E+00	1.7E+00	1	J	pCi/L	TM	0
		pH	6.1	6.7	5.3	5.6	1	J	pH	GE	0
		Phenols	17	<5.0	<5.0	<5.0	1		µg/L	GE	0
		Potassium, total recoverable	<500	<500	<500	<500	1		µg/L	GE	0
		Propionitrile	<50	<50	<50	<50	1		µg/L	WA	0
		Radium, total alpha-emitting				8.0E-01	1	J	pCi/L	GP	0
		Radium-226	1.3E+00	2.1E-01	1.1E+00	8.1E-01	1		pCi/L	TM	0
		Radium-228	3.5E+00	3.0E-01	1.8E+00	1.2E+00	1		pCi/L	TM	0
		Selenium, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	GE	0
		Silica, total recoverable	5,740	6,210	6,080	7,170	1		µg/L	GE	0
		Silver, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	GE	0
		Sodium, total recoverable	1,640	2,100	1,730	1,630	1		µg/L	GE	0
		Specific conductance	29	47	31	32	1		µS/cm	GE	0
		Styrene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Sulfate	<1,000	<1,000	<1,000	1,430	1	J	µg/L	GE	0
		1,1,1,2-Tetrachloroethane	<10	<10	<10	<1.0	1		µg/L	GE	0
		1,1,2,2-Tetrachloroethane	<5.0	<5.0	<5.0	<1.0	1		µg/L	GE	0
		Tetrachloroethylene	3.6	7.4	3.6	4.4	1		µg/L	GE	1
		Toluene	<5.0	<5.0	<5.0	<1.0	1		µg/L	GE	0
		Total dissolved solids	4,000	189,000	68,000	37,000	1		µg/L	WA	0
		Total organic carbon	<1,000	<1,000	<1,000	1,700	1		µg/L	GE	0
		Total organic halogens	385	387	255	178	6.66		µg/L	WA	2
		Total phosphates (as P)	<50	<50	<50	821	2		µg/L	WA	0
		Total suspended solids	4,000	<1,000	3,000	4,000	1		µg/L	GE	0
		Toxaphene	<1.1	<1.1	<1.1	<0.24	1		µg/L	GE	0
		2,4,5-TP (Silvex)	<0.55	<0.55	<0.54	0.022	1		µg/L	GE	0
		1,1,1-Trichloroethane	31	37	17	28	1		µg/L	GE	0
		1,1,2-Trichloroethane	<5.0	<5.0	<5.0	<1.0	1		µg/L	GE	0
		Trichloroethylene	14	25	8.9	16	1		µg/L	GE	2
		Trichlorofluoromethane	94	106	35	86	1		µg/L	GE	2
		1,2,3-Trichloropropane	<10	<10	<10	<1.0	1		µg/L	GE	0
		Tritium	6.0E+01	4.6E+01	4.9E+00	1.7E+01	1		pCi/mL	TM	1
		Vanadium, total recoverable	<3.0	<15	<3.0	<3.0	1		µg/L	WA	0
		Vinyl acetate	<10	<10	<10	<10	1		µg/L	GE	0
		Xylenes	<5.0	2.8	<5.0	4.1	1		µg/L	GE	0

Note: Flagging, dilution factors, modifiers, and laboratories are for fourth quarter 1994 data only. See Appendix B for flagging criteria.

● = exceeded holding time for fourth quarter 1994.

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WELL LFW 62B

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

SAMPLE DATE	12/28/93	03/25/94	06/10/94	09/07/94
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FIELD DATA

Analyte	1Q94	2Q94	3Q94	4Q94	Unit
Water elevation	141.8	142.4	141.6	141.5	ft msl
Depth to water	23.1	22.5	23.3	23.4	ft
pH	4.3	4.3	4.4	4.4	pH
Sp. conductance	42	45	44	43	µS/cm
Water temperature	19.2	20.2	19.8	20.0	°C
Alkalinity as CaCO ₃	0	0	0	0	mg/L
Turbidity	20	11	9	7	NTU
Volume purged	5.4	4.8	4.5	3.7	well vol.
Sampling code					

ANALYTICAL DATA

H	ST	Analyte	1Q94	2Q94	3Q94	4Q94	DF	Mod	Unit	Lab	Flag
		Acetone	<10	<35	<10	<10	1		µg/L	WA	0
		Acetonitrile (Methyl cyanide)	<20	<20	<5.0	<20	1		µg/L	WA	0
		Acrolein	<10	<10	<10	<10	1		µg/L	WA	0
		Acrylonitrile	<10	<10	<10	<10	1		µg/L	WA	0
		Aldrin			<0.050				µg/L		
		Allyl chloride	<100	<20	<20	<20	1		µg/L	WA	0
		Aluminum, total recoverable	279	360	405	355	1		µg/L	WA	2
		Arsenic, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Barium, total recoverable	5.2	5.7	5.5	4.8	1		µg/L	WA	0
		Benzene	<5.0	<5.0	<1.0	<5.0	1		µg/L	WA	0
		Bis(2-chloroisopropyl) ether			<10				µg/L		
		Bromodichloromethane	<5.0	<5.0	<1.0	<5.0	1		µg/L	WA	0
		Bromoform	<5.0	<5.0	<1.0	<5.0	1		µg/L	WA	0
		Bromomethane (Methyl bromide)	<10	<10	<1.0	<10	1		µg/L	WA	0
		Cadmium, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Calcium, total recoverable	1,500	861	954	897	1		µg/L	WA	0
		Carbon disulfide	1.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Carbon tetrachloride	<5.0	<5.0	<1.0	<5.0	1		µg/L	WA	0
		Chloride	1,790	1,740	2,200	1,830	1		µg/L	WA	0
		Chlorobenzene	<5.0	<5.0	<1.0	<5.0	1		µg/L	WA	0
		Chloroethane	<10	<10	<1.0	<10	1		µg/L	WA	0
		Chloroethene (Vinyl chloride)	<10	<10	<1.0	<10	1		µg/L	WA	0
		Chloroform	<5.0	<5.0	<1.0	<5.0	1		µg/L	WA	0
		Chloromethane (Methyl chloride)	<10	<10	5.4	<10	1		µg/L	WA	0
		Chloroprene	<20	<100	<100	<100	1		µg/L	WA	0
		Chromium, total recoverable	<4.0	<4.0	<4.0	<4.0	1		µg/L	WA	0
		Copper, total recoverable	<4.0	<4.0	5.8	<4.0	1		µg/L	WA	0
		p,p'-DDT			<0.10				µg/L		
		Dibromochloromethane	<5.0	<5.0	<1.0	<5.0	1		µg/L	WA	0
		1,2-Dibromo-3-chloropropane	<20	<20	<5.0	<20	1		µg/L	WA	0
		1,2-Dibromoethane	<20	<20	<20	<20	1		µg/L	WA	0
		Dibromomethane	1.1	<10	<1.0	<10	1		µg/L	WA	0
		trans-1,4-Dichloro-2-butene	<100	<100	<30	<100	1		µg/L	WA	0
		Dichlorodifluoromethane	<10	<10	<1.0	<10	1		µg/L	WA	0
		1,1-Dichloroethane	<5.0	<5.0	<1.0	<5.0	1		µg/L	WA	0
		1,2-Dichloroethane	<5.0	<5.0	<1.0	<5.0	1		µg/L	WA	0
		1,1-Dichloroethylene	<5.0	<5.0	<1.0	<5.0	1		µg/L	WA	0
		trans-1,2-Dichloroethylene	<5.0	<5.0	<1.0	<5.0	1		µg/L	WA	0
		Dichloromethane	<5.0	<20	<1.0	<5.0	1		µg/L	WA	0

Note: Flagging, dilution factors, modifiers, and laboratories are for fourth quarter 1994 data only. See Appendix B for flagging criteria.

● = exceeded holding time for fourth quarter 1994.

■ = exceeded screening level or final PDWS for fourth quarter 1994.

Well LFW 62B continued

ANALYTICAL DATA

H	ST	Analyte	1Q94	2Q94	3Q94	4Q94	DF	Mod	Unit	Lab	Flag
		2,4-Dichlorophenoxyacetic acid	<1.1	<1.1	<0.0016	<1.1	1.05		µg/L	WA	0
		1,2-Dichloropropane	<5.0	<5.0	<1.0	<5.0	1		µg/L	WA	0
		cis-1,3-Dichloropropene	<5.0	<5.0	<1.0	<5.0	1		µg/L	WA	0
		trans-1,3-Dichloropropene	<5.0	<5.0	<1.0	<5.0	1		µg/L	WA	0
		Dieldrin			<0.50				µg/L		
		Endrin	<0.10	<0.11	<0.0060	<0.10	1.02		µg/L	WA	0
		Ethylbenzene	<5.0	<5.0	<1.0	<5.0	1		µg/L	WA	0
		Fluoride	<100	<100	<100	<100	1		µg/L	WA	0
		Gross alpha	1.2E+01	6.7E+00	1.1E+01	6.6E+00	1		pCi/L	GP	0
		Heptachlor			<0.050				µg/L		
		2-Hexanone	<10	<10	<10	<10	1		µg/L	WA	0
		Iodomethane (Methyl iodide)	<10	<10	<10	<10	1		µg/L	WA	0
		Iron, total recoverable	232	170	158	163	1		µg/L	WA	1
		Isobutyl alcohol	<20	<20	<20	<20	1		µg/L	WA	0
		Lead, total recoverable	<3.0	<3.0	<3.0	4.0	1		µg/L	WA	0
		Lindane	<0.051	<0.055	<0.0050	<0.051	1.02		µg/L	WA	0
		Magnesium, total recoverable	354	379	418	377	1		µg/L	WA	0
		Manganese, total recoverable	15	17	17	16	1		µg/L	WA	0
		Mercury, total recoverable	<0.20	<0.20	<0.20	<0.20	1		µg/L	WA	0
		Methacrylonitrile	<20	<20	<20	<20	1		µg/L	WA	0
		Methoxychlor	<0.51	<0.55	<0.50	<0.51	1.02		µg/L	WA	0
		Methyl ethyl ketone	<10	<10	<1.0	<10	1		µg/L	WA	0
		Methyl isobutyl ketone	<10	<10	<10	<10	1		µg/L	WA	0
		Nickel, total recoverable	4.4	7.8	9.0	8.9	1		µg/L	WA	0
		Nitrate as nitrogen	698	681	521	566	1		µg/L	WA	0
		Nitrate-nitrite as nitrogen			646				µg/L		
		Nonvolatile beta	1.6E+01	6.2E+00	6.2E+00	3.1E+00	1	J	pCi/L	GP	0
		pH	5.0	4.6	5.0	4.5	1	J	pH	WA	0
		Phenols	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Potassium, total recoverable	<500	557	625	<500	1		µg/L	WA	0
		Propionitrile	<50	<50	<50	<50	1		µg/L	WA	0
		Radium, total alpha-emitting			4.1E+00	4.7E+00	1		pCi/L	GP	0
		Radium-226	2.9E+00	2.5E+00	3.3E+00				pCi/L		
		Radium-228	6.8E+00	1.4E+00	5.4E+00				pCi/L		
		Selenium, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Silica, total recoverable	8,330	9,840	11,000	9,950	2.1		µg/L	WA	0
		Silver, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Sodium, total recoverable	1,540	1,760	1,780	1,780	1		µg/L	WA	0
		Specific conductance	29	33	35	34	1		µS/cm	WA	0
		Styrene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Sulfate	8,190	5,590	6,890	5,470	1		µg/L	WA	0
		1,1,1,2-Tetrachloroethane	<10	<10	<1.0	<10	1		µg/L	WA	0
		1,1,2,2-Tetrachloroethane	<5.0	<5.0	<1.0	<5.0	1		µg/L	WA	0
		Tetrachloroethylene	<5.0	<5.0	<1.0	<5.0	1		µg/L	WA	0
		Toluene	<5.0	<5.0	<1.0	<5.0	1		µg/L	WA	0
		Total dissolved solids	43,000	40,000	32,000	21,000	1		µg/L	WA	0
		Total organic carbon	<1,000	<1,000	<1,000	<1,000	1		µg/L	WA	0
		Total organic halogens	<5.0	11	34	6.3	1		µg/L	WA	0
		Total phosphates (as P)	<50	<50	<50	<50	1		µg/L	WA	0
		Total suspended solids	19,000	10,000	11,000	6,000	1		µg/L	GE	0
		Toxaphene	<1.0	<1.1	<0.24	<1.0	1.02		µg/L	WA	0
		2,4,5-TP (Silvex)	<0.55	<0.55	<0.00047	<0.53	1.05		µg/L	WA	0
		1,1,1-Trichloroethane	<5.0	<5.0	<1.0	<5.0	1		µg/L	WA	0
		1,1,2-Trichloroethane	<5.0	<5.0	<1.0	<5.0	1		µg/L	WA	0
		Trichloroethylene	<5.0	<5.0	<1.0	<5.0	1		µg/L	WA	0
		Trichlorofluoromethane	<5.0	<5.0	<1.0	<5.0	1		µg/L	WA	0
		1,2,3-Trichloropropane	<10	<10	<1.0	<10	1		µg/L	WA	0
		Tritium		6.3E-01	1.4E+01	7.7E-01	1	J	pCi/mL	GP	0
		Vanadium, total recoverable	<3.0	<3.0	<3.0	<3.0	1		µg/L	WA	0
		Vinyl acetate	<10	<10	<10	<10	1		µg/L	WA	0
		Xylenes	<5.0	<5.0	<2.0	<5.0	1		µg/L	WA	0

Note: Flagging, dilution factors, modifiers, and laboratories are for fourth quarter 1994 data only. See Appendix B for flagging criteria.

● = exceeded holding time for fourth quarter 1994.

■ = exceeded screening level or final PDWS for fourth quarter 1994.

WELL LFW 62C

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

SAMPLE DATE	12/28/93	03/25/94	06/10/94	09/07/94
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FIELD DATA

Analyte	1Q94	2Q94	3Q94	4Q94	Unit
Water elevation	142.1	142.9	142.0	141.9	ft msl
Depth to water	23.4	22.6	23.5	23.6	ft
pH	4.8	4.9	4.9	4.8	pH
Sp. conductance	36	43	48	41	µS/cm
Water temperature	19.6	19.9	19.5	19.6	°C
Alkalinity as CaCO ₃	0	0	0	0	mg/L
Turbidity	1	0	0	1	NTU
Volume purged	3.0	13.2	18.6	4.8	well vol.
Sampling code	X				

ANALYTICAL DATA

H	ST	Analyte	1Q94	2Q94	3Q94	4Q94	DF	Mod	Unit	Lab	Flag
		Acetone	<10	<10	<10	<30	1	J	µg/L	WA	0
		Acetonitrile (Methyl cyanide)	<20	<5.0	<20	<20	1		µg/L	WA	0
		Acrolein	<10	<10	<10	<10	1		µg/L	WA	0
		Acrylonitrile	<10	<10	<10	<10	1		µg/L	WA	0
		Aldrin		<0.051					µg/L		
		Allyl chloride	<100	<20	<20	<20	1		µg/L	WA	0
		Aluminum, total recoverable	21	34	27	25	1		µg/L	WA	1
		Arsenic, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Barium, total recoverable	5.8	7.2	6.9	5.7	1		µg/L	WA	0
		Benzene	<5.0	<1.0	<5.0	<5.0	1		µg/L	WA	0
		Bis(2-chloroisopropyl) ether		<10					µg/L		
		Bromodichloromethane	<5.0	<1.0	<5.0	<5.0	1		µg/L	WA	0
		Bromoform	<5.0	<1.0	<5.0	<5.0	1		µg/L	WA	0
		Bromomethane (Methyl bromide)	<10	<1.0	<10	<10	1		µg/L	WA	0
		Cadmium, total recoverable	<2.0	<2.0	<2.0	<2.0	1	J	µg/L	WA	0
		Calcium, total recoverable	942	966	1,050	906	1		µg/L	WA	0
		Carbon disulfide	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Carbon tetrachloride	<5.0	<1.0	<5.0	<5.0	1		µg/L	WA	0
		Chloride	2,900	4,160	4,950	3,530	1		µg/L	WA	0
		Chlorobenzene	<5.0	<1.0	<5.0	<5.0	1		µg/L	WA	0
		Chloroethane	<10	<1.0	<10	<10	1		µg/L	WA	0
		Chloroethene (Vinyl chloride)	<10	<1.0	<10	<10	1		µg/L	WA	0
		Chloroform	<5.0	<1.0	<5.0	<5.0	1		µg/L	WA	0
		Chloromethane (Methyl chloride)	<10	<1.0	2.9	<10	1		µg/L	WA	0
		Chloroprene	<20	<100	<100	<100	1		µg/L	WA	0
		Chromium, total recoverable	<4.0	<4.0	<4.0	<4.0	1		µg/L	WA	0
		Copper, total recoverable	<4.0	6.2	<4.0	<4.0	1		µg/L	WA	0
		p,p'-DDT		<0.10					µg/L		
		Dibromochloromethane	<5.0	<1.0	<5.0	<5.0	1		µg/L	WA	0
		1,2-Dibromo-3-chloropropane	<20	<5.0	<20	<20	1		µg/L	WA	0
		1,2-Dibromoethane	<20	<20	<20	<20	1		µg/L	WA	0
		Dibromomethane	<10	<1.0	<10	<10	1		µg/L	WA	0
		trans-1,4-Dichloro-2-butene	<100	<30	<100	<100	1		µg/L	WA	0
		Dichlorodifluoromethane	7.6	17	11	8.2	1	J	µg/L	WA	1
		1,1-Dichloroethane	12	22	18	15	1		µg/L	WA	2
		1,2-Dichloroethane	<5.0	1.9	2.1	<5.0	1		µg/L	WA	0
		1,1-Dichloroethylene	<5.0	1.6	1.5	1.2	1	J	µg/L	WA	0
		trans-1,2-Dichloroethylene	<5.0	<1.0	<5.0	<5.0	1		µg/L	WA	0
		Dichloromethane	<5.0	4.3	<23	<5.0	1		µg/L	WA	0

Note: Flagging, dilution factors, modifiers, and laboratories are for fourth quarter 1994 data only. See Appendix B for flagging criteria.

● = exceeded holding time for fourth quarter 1994.

■ = exceeded screening level or final PDWS for fourth quarter 1994.

Well LFW 62C continued

ANALYTICAL DATA

H	ST	Analyte	1Q94	2Q94	3Q94	4Q94	DF	Mod	Unit	Lab	Flag
		2,4-Dichlorophenoxyacetic acid	<1.1	<0.0015	<1.1	<1.1	1.06		µg/L	WA	0
		1,2-Dichloropropane	<5.0	<1.0	<5.0	<5.0	1		µg/L	WA	0
		cis-1,3-Dichloropropene	<5.0	<1.0	<5.0	<5.0	1		µg/L	WA	0
		trans-1,3-Dichloropropene	<5.0	<1.0	<5.0	<5.0	1		µg/L	WA	0
		Dieldrin		<0.51					µg/L		
		Endrin	<0.10	<0.0061	<0.11	<0.11	1.05		µg/L	WA	0
		Ethylbenzene	<5.0	<1.0	<5.0	<5.0	1		µg/L	WA	0
		Fluoride	<100	<100	<100	<100	1		µg/L	WA	0
		Gross alpha	2.0E+00	3.5E+00	3.7E+00	2.5E+00	1	J	pCi/L	GP	0
		Heptachlor		<0.051					µg/L		
		2-Hexanone	<10	<10	<10	<10	1		µg/L	WA	0
		Iodomethane (Methyl iodide)	<10	<10	<10	<10	1		µg/L	WA	0
		Iron, total recoverable	15	30	<4.0	13	1		µg/L	WA	0
		Isobutyl alcohol	<20	<20	<20	<20	1		µg/L	WA	0
		Lead, total recoverable	<3.0	<3.0	<3.0	<3.0	1		µg/L	WA	0
		Lindane	<0.052	<0.0051	<0.052	<0.052	1.05		µg/L	WA	0
		Magnesium, total recoverable	859	988	1,050	873	1		µg/L	WA	0
		Manganese, total recoverable	5.5	7.0	5.7	5.3	1		µg/L	WA	0
■		Mercury, total recoverable	<0.20	2.3	2.0	3.1	1		µg/L	WA	2
		Methacrylonitrile	<20	<20	<20	<20	1		µg/L	WA	0
		Methoxychlor	<0.52	<0.51	<0.53	<0.53	1.05		µg/L	WA	0
		Methyl ethyl ketone	<10	<1.0	1.5	<10	1		µg/L	WA	0
		Methyl isobutyl ketone	<10	<10	<10	<10	1		µg/L	WA	0
		Nickel, total recoverable	<4.0	<4.0	<4.0	<4.0	1		µg/L	WA	0
		Nitrate as nitrogen	1,510	1,610	1,300	1,610	5		µg/L	WA	0
		Nitrate-nitrite as nitrogen		1,560					µg/L		
		Nonvolatile beta	8.3E+00	2.3E+00	1.8E+00	1.4E+00	1	UI	pCi/L	GP	0
●		pH	5.4	5.3	4.9	5.1	1	J	pH	WA	0
		Phenols	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Potassium, total recoverable	<500	533	770	<500	1		µg/L	WA	0
		Propionitrile	<50	<50	<50	<50	1		µg/L	WA	0
		Radium, total alpha-emitting		1.7E+00		1.0E+00	1	J	pCi/L	GP	0
		Radium-226	7.7E-01	1.2E+00	2.1E+00				pCi/L		
		Radium-228	2.9E+00	9.0E-01	1.1E+00				pCi/L		
		Selenium, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Silica, total recoverable	7,900	8,070	8,350	9,170	2.1	J	µg/L	WA	0
		Silver, total recoverable	<2.0	<2.0	<2.0	<2.0	1	J	µg/L	WA	0
		Sodium, total recoverable	2,120	2,660	3,200	2,520	1		µg/L	WA	0
		Specific conductance	24	36	37	33	1		µS/cm	WA	0
		Styrene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Sulfate	<1,000	<1,000	<1,000	<1,000	1		µg/L	WA	0
		1,1,1,2-Tetrachloroethane	<10	<1.0	<10	<10	1		µg/L	WA	0
		1,1,2,2-Tetrachloroethane	<5.0	<1.0	<5.0	<5.0	1		µg/L	WA	0
		Tetrachloroethylene	2.0	2.2	2.0	2.2	1	J	µg/L	WA	0
		Toluene	<5.0	<1.0	<5.0	<5.0	1		µg/L	WA	0
		Total dissolved solids	40,000	53,000	37,000	24,000	1		µg/L	WA	0
		Total organic carbon	<1,000	<1,000	1,200	<1,000	1		µg/L	WA	0
		Total organic halogens	65	124	76	81	4		µg/L	WA	2
		Total phosphates (as P)	<50	<50	<50	210	1		µg/L	WA	0
		Total suspended solids	<1,000	2,000	<1,000	<1,000	1		µg/L	GE	0
		Toxaphene	<1.0	<0.25	<1.1	<1.1	1.05		µg/L	WA	0
		2,4,5-TP (Silvex)	<0.55	<0.00045	<0.54	<0.53	1.06		µg/L	WA	0
		1,1,1-Trichloroethane	<5.0	<1.0	<5.0	<5.0	1		µg/L	WA	0
		1,1,2-Trichloroethane	<5.0	<1.0	<5.0	<5.0	1		µg/L	WA	0
■		Trichloroethylene	8.1	10	11	11	1		µg/L	WA	2
		Trichlorofluoromethane	4.7	6.7	4.1	6.0	1		µg/L	WA	1
		1,2,3-Trichloropropane	<10	<1.0	<10	<10	1		µg/L	WA	0
		Tritium		6.8E+00	9.9E+00	5.6E+00	1		pCi/mL	GP	0
		Vanadium, total recoverable	<3.0	<3.0	<3.0	<3.0	1		µg/L	WA	0
		Vinyl acetate	<10	<10	<10	<10	1		µg/L	WA	0
		Xylenes	<5.0	<2.0	<5.0	<5.0	1		µg/L	WA	0

Note: Flagging, dilution factors, modifiers, and laboratories are for fourth quarter 1994 data only. See Appendix B for flagging criteria.

● = exceeded holding time for fourth quarter 1994.

■ = exceeded screening level or final PDWS for fourth quarter 1994.

WELL LFW 62D

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

SAMPLE DATE	12/28/93	03/29/94	06/10/94	09/08/94
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FIELD DATA

Analyte	1Q94	2Q94	3Q94	4Q94	Unit
Water elevation	142.5	144.2	142.2	141.5	ft msl
Depth to water	22.3	20.6	22.6	23.3	ft
pH	4.5	5.0	4.8	4.7	pH
Sp. conductance	51	33	45	48	µS/cm
Water temperature	18.5	16.7	18.5	19.0	°C
Alkalinity as CaCO ₃	1	3	0	0	mg/L
Turbidity	12	88	36	16	NTU
Volume purged	1.0	0.6	1.0	1.2	well vol.
Sampling code	X	X	X	X	

ANALYTICAL DATA

H	ST	Analyte	1Q94	2Q94	3Q94	4Q94	DF	Mod	Unit	Lab	Flag
		Acetone	<10	<10	<10	<25	1	J	µg/L	WA	0
		Acetonitrile (Methyl cyanide)	<20	<20	<20	<20	1		µg/L	WA	0
		Acrolein	<10	<10	<10	<10	1		µg/L	WA	0
		Acrylonitrile	<10	<10	<10	<10	1		µg/L	WA	0
		Allyl chloride	<100	<20	<20	<20	1		µg/L	WA	0
		Aluminum, total recoverable	162	113	456	140	1		µg/L	WA	2
		Arsenic, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Barium, total recoverable	7.2	<4.0	5.5	5.3	1		µg/L	WA	0
		Benzene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Bromodichloromethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Bromoform	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Bromomethane (Methyl bromide)	<10	<10	<10	<10	1		µg/L	WA	0
		Cadmium, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Calcium, total recoverable	1,490	517	837	831	1		µg/L	WA	0
		Carbon disulfide	7.1	3.2	<5.0	<5.0	1		µg/L	WA	0
		Carbon tetrachloride	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Chloride	10,100	3,630	6,120	3,860	1		µg/L	WA	0
		Chlorobenzene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Chloroethane	<10	<10	2.1	<10	1		µg/L	WA	0
		Chloroethene (Vinyl chloride)	<10	<10	<10	<10	1		µg/L	WA	0
		Chloroform	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Chloromethane (Methyl chloride)	<10	<10	<10	<10	1		µg/L	WA	0
		Chloroprene	<20	<100	<100	<100	1		µg/L	WA	0
		Chromium, total recoverable	<4.0	5.5	<4.0	<4.0	1		µg/L	WA	0
		Copper, total recoverable	5.9	6.3	16	15	1		µg/L	WA	0
		Dibromochloromethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,2-Dibromo-3-chloropropane	<20	<20	<20	<20	1		µg/L	WA	0
		1,2-Dibromoethane	<20	<20	<20	<20	1		µg/L	WA	0
		Dibromomethane	<10	<10	<10	<10	1		µg/L	WA	0
		trans-1,4-Dichloro-2-butene	<100	<100	<100	<100	1		µg/L	WA	0
		Dichlorodifluoromethane	15	11	26	29	1		µg/L	WA	2
		1,1-Dichloroethane	40	13	22	37	1		µg/L	WA	2
		1,2-Dichloroethane	1.5	<5.0	1.2	<5.0	1		µg/L	WA	0
		1,1-Dichloroethylene	2.3	<5.0	1.6	2.0	1	J	µg/L	WA	0
		trans-1,2-Dichloroethylene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
■		Dichloromethane	27	<60	<23	28	1		µg/L	WA	2
		2,4-Dichlorophenoxyacetic acid	<1.1	<1.1	<1.1	<1.1	1.05		µg/L	WA	0
		1,2-Dichloropropane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		cis-1,3-Dichloropropene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0

Note: Flagging, dilution factors, modifiers, and laboratories are for fourth quarter 1994 data only. See Appendix B for flagging criteria.

● = exceeded holding time for fourth quarter 1994.

■ = exceeded screening level or final PDWS for fourth quarter 1994.

Well LFV 62D continued

ANALYTICAL DATA

H	ST	Analyte	1Q94	2Q94	3Q94	4Q94	DF	Mod	Unit	Lab	Flag
		trans-1,3-Dichloropropene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Endrin	<0.10	<0.10	<0.10	<0.11	1.09		µg/L	WA	0
		Ethylbenzene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Fluoride	<100	<100	<100	<100	1		µg/L	WA	0
		Gross alpha	3.8E+00		1.8E+00	1.3E+00	1	J	pCi/L	GP	0
		2-Hexanone	<10	<10	<10	<10	1		µg/L	WA	0
		Iodomethane (Methyl iodide)	<10	<10	<10	<10	1		µg/L	WA	0
		Iron, total recoverable	388	241	708	201	1		µg/L	WA	1
		Isobutyl alcohol	<20	<20	<20	<20	1		µg/L	WA	0
		Lead, total recoverable	4.7	3.5	4.6	9.0	1		µg/L	WA	0
		Lindane	<0.052	<0.052	<0.052	<0.055	1.09		µg/L	WA	0
		Magnesium, total recoverable	1,030	514	947	770	1		µg/L	WA	0
		Manganese, total recoverable	18	8.5	14	11	1		µg/L	WA	0
		Mercury, total recoverable	1.1	0.79	1.2	1.5	1		µg/L	WA	1
		Methacrylonitrile	<20	<20	<20	<20	1		µg/L	WA	0
		Methoxychlor	<0.52	<0.52	<0.52	<0.55	1.09		µg/L	WA	0
		Methyl ethyl ketone	<10	<10	<10	<10	1		µg/L	WA	0
		Methyl isobutyl ketone	<10	<10	<10	<10	1		µg/L	WA	0
		Nickel, total recoverable	<4.0	<4.0	<4.0	<4.0	1		µg/L	WA	0
		Nitrate as nitrogen	536	180	217	361	1		µg/L	WA	0
		Nonvolatile beta	6.5E+00		2.3E+00	1.8E+00	1	J	pCi/L	GP	0
●		pH	5.4	4.9	5.0	5.2	1	J	pH	WA	0
		Phenols	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Potassium, total recoverable	<500	<500	<500	<500	1		µg/L	WA	0
		Propionitrile	<50	<50	<50	<50	1		µg/L	WA	0
		Radium, total alpha-emitting				6.0E-01	1	J	pCi/L	GP	0
		Radium-226	6.7E-01		8.0E-01				pCi/L		
		Radium-228	2.3E+00		8.0E-01				pCi/L		
		Selenium, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Silica, total recoverable	8,440	6,750	9,110	7,160	2.1		µg/L	WA	0
		Silver, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Sodium, total recoverable	3,360	2,170	3,050	2,550	1		µg/L	WA	0
		Specific conductance	34	21	34	29	1		µS/cm	WA	0
		Styrene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Sulfate	<1,000	<1,000	<1,000	<1,000	1		µg/L	WA	0
		1,1,1,2-Tetrachloroethane	<10	<10	<10	<10	1		µg/L	WA	0
		1,1,2,2-Tetrachloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Tetrachloroethylene	3.4	1.6	1.9	3.9	1	J	µg/L	WA	1
		Toluene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Total dissolved solids	43,000	24,000	28,000	34,000	1		µg/L	WA	0
		Total organic carbon	<1,000	<1,000	1,100	1,500	1		µg/L	WA	0
		Total organic halogens	110	169	174	170	6.66		µg/L	WA	2
		Total phosphates (as P)	<50	<50	<50	172	1		µg/L	WA	0
		Total suspended solids	8,000	<1,000	4,000	3,000	1		µg/L	GE	0
		Toxaphene	<1.0	<1.0	<1.0	<1.1	1.09		µg/L	WA	0
		2,4,5-TP (Silvex)	<0.53	<0.56	<0.53	<0.53	1.05		µg/L	WA	0
		1,1,1-Trichloroethane	13	4.7	6.4	12	1		µg/L	WA	0
		1,1,2-Trichloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
■		Trichloroethylene	9.8	4.2	5.7	10	1		µg/L	WA	2
		Trichlorofluoromethane	38	18	31	48	1		µg/L	WA	2
		1,2,3-Trichloropropane	<10	<10	<10	<10	1		µg/L	WA	0
		Tritium			5.3E+00	5.3E+00	1		pCi/mL	GP	0
		Vanadium, total recoverable	<3.0	<3.0	<3.0	<3.0	1		µg/L	WA	0
		Vinyl acetate	<10	<10	<10	<10	1		µg/L	WA	0
		Xylenes	1.1	<5.0	<5.0	<5.0	1		µg/L	WA	0

Note: Flagging, dilution factors, modifiers, and laboratories are for fourth quarter 1994 data only. See Appendix B for flagging criteria.

● = exceeded holding time for fourth quarter 1994.

■ = exceeded screening level or final PDWS for fourth quarter 1994.

WELL LFW 63B

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

SAMPLE DATE	03/29/94	06/09/94	09/09/94

FIELD DATA

Analyte	1Q94	2Q94	3Q94	4Q94	Unit
Water elevation		140.2	139.5	139.5	ft msl
Depth to water		27.6	28.3	28.3	ft
pH		4.9	4.1	3.9	pH
Sp. conductance		52	73	72	µS/cm
Water temperature		19.6	19.8	19.9	°C
Alkalinity as CaCO ₃		2	0	0	mg/L
Turbidity		6	1	0	NTU
Volume purged		4.2	3.0	4.8	well vol.
Sampling code					

ANALYTICAL DATA

H	ST	Analyte	1Q94	2Q94	3Q94	4Q94	DF	Mod	Unit	Lab	Flag
		Acetone	<110	<10	<10	<10	1		µg/L	WA	0
		Acetonitrile (Methyl cyanide)	<20	<20	<20	<20	1		µg/L	WA	0
		Acrolein	<10	<10	<10	<10	1		µg/L	WA	0
		Acrylonitrile	<10	<10	<10	<10	1		µg/L	WA	0
		Allyl chloride	<20	<20	<20	<20	1		µg/L	WA	0
		Aluminum, total recoverable	122	350	328	328	1	J	µg/L	WA	2
		Arsenic, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Barium, total recoverable	12	9.6	7.4	7.4	1	J	µg/L	WA	0
		Benzene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Boron, total recoverable	<30	<30	<30	<30	1		µg/L	GE	0
		Bromodichloromethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Bromoform	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Bromomethane (Methyl bromide)	<10	<10	<10	<10	1		µg/L	WA	0
		Cadmium, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Calcium, total recoverable	1,800	1,690	1,170	1,170	1		µg/L	WA	0
		Carbon disulfide	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Carbon tetrachloride	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Chloride	1,740	1,780	1,810	1,810	1		µg/L	WA	0
		Chlorobenzene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Chloroethane	<10	<10	<10	<10	1		µg/L	WA	0
		Chloroethene (Vinyl chloride)	<10	<10	<10	<10	1		µg/L	WA	0
		Chloroform	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Chloromethane (Methyl chloride)	5.9	3.1	8.3	8.3	1	J	µg/L	WA	1
		Chloroprene	<100	<100	<100	<100	1		µg/L	WA	0
		Chromium, total recoverable	<4.0	<4.0	<4.0	<4.0	1		µg/L	WA	0
		Copper, total recoverable	<4.0	6.0	7.2	7.2	1		µg/L	WA	0
		Dibromochloromethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,2-Dibromo-3-chloropropane	<20	<20	<20	<20	1		µg/L	WA	0
		1,2-Dibromoethane	<20	<20	<20	<20	1		µg/L	WA	0
		Dibromomethane	<10	<10	<10	<10	1		µg/L	WA	0
		trans-1,4-Dichloro-2-butene	<100	<100	<100	<100	1		µg/L	WA	0
		Dichlorodifluoromethane	<10	<10	<10	<10	1		µg/L	WA	0
		1,1-Dichloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,2-Dichloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,1-Dichloroethylene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,2-Dichloroethylene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Dichloromethane	<60	<5.0	4.3	4.3	1	J	µg/L	WA	1
		2,4-Dichlorophenoxyacetic acid	<1.1	<1.1	<1.1	<1.1	1.12		µg/L	WA	0
		1,2-Dichloropropane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0

Note: Flagging, dilution factors, modifiers, and laboratories are for fourth quarter 1994 data only. See Appendix B for flagging criteria.

● = exceeded holding time for fourth quarter 1994.

■ = exceeded screening level or final PDWS for fourth quarter 1994.

Well LFW 63B continued

ANALYTICAL DATA

H	ST	Analyte	1Q94	2Q94	3Q94	4Q94	DF	Mod	Unit	Lab	Flag
		cis-1,3-Dichloropropene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		trans-1,3-Dichloropropene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Endrin	<0.11	<0.11	<0.11	<0.11	1.09		µg/L	WA	0
		Ethylbenzene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Fluoride	<100	<100	<100	<100	1		µg/L	WA	0
		Gross alpha		3.2E+00	2.4E+00	2.4E+00	1	J	pCi/L	GP	0
		2-Hexanone	<10	<10	<10	<10	1		µg/L	WA	0
		Iodomethane (Methyl iodide)	<10	<10	<10	<10	1		µg/L	WA	0
		Iron, total recoverable	168	49	80	80	1	J	µg/L	WA	0
		Isobutyl alcohol	<20	<20	<20	<20	1		µg/L	WA	0
		Lead, total recoverable	<3.0	<3.0	5.7	5.7	1		µg/L	WA	0
		Lindane	<0.056	<0.055	<0.055	<0.055	1.09		µg/L	WA	0
		Lithium, total recoverable	6.3	<5.0	7.5	7.5	1		µg/L	WA	0
		Magnesium, total recoverable	317	418	363	363	1		µg/L	WA	0
		Manganese, total recoverable	32	33	22	22	1		µg/L	WA	0
		Mercury, total recoverable	<0.20	<0.20	<0.20	<0.20	1		µg/L	WA	0
		Methacrylonitrile	<20	<20	<20	<20	1		µg/L	WA	0
		Methoxychlor	<0.56	<0.55	<0.55	<0.55	1.09		µg/L	WA	0
		Methyl ethyl ketone	<10	<10	<10	<10	1		µg/L	WA	0
		Methyl isobutyl ketone	<10	<10	<10	<10	1		µg/L	WA	0
		Nickel, total recoverable	13	8.9	9.9	9.9	1	J	µg/L	WA	0
		Nitrate as nitrogen	436	380	343	343	1		µg/L	WA	0
		Nonvolatile beta		4.0E+00	2.0E+00	2.0E+00	1	J	pCi/L	GP	0
•		pH	4.9	4.1	4.2	4.2	1	J	pH	WA	0
		Phenols	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Potassium, total recoverable	<500	<500	<500	<500	1		µg/L	WA	0
		Propionitrile	<50	<50	<50	<50	1		µg/L	WA	0
		Radium, total alpha-emitting			1.5E+00	1.5E+00	1	J	pCi/L	GP	0
		Radium-226			1.6E+00	1.6E+00	1		pCi/L	GP	0
		Radium-228			3.5E+00	3.5E+00	1		pCi/L	GP	0
		Selenium, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Silica, dissolved	10,300	10,300	10,200	10,200	2.1		µg/L	WA	0
		Silica, total recoverable	7,100	10,900	9,120	9,120	2.1	J	µg/L	WA	0
		Silver, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Sodium, total recoverable	2,270	2,340	1,450	1,450	1		µg/L	WA	0
		Specific conductance	43	58	61	61	1		µS/cm	WA	0
		Styrene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Sulfate	11,700	5,640	10,500	10,500	1		µg/L	WA	0
		1,1,1,2-Tetrachloroethane	<10	<10	<10	<10	1		µg/L	WA	0
		1,1,2,2-Tetrachloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Tetrachloroethylene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Toluene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Total activity		7.8E+01	3.5E+02	3.5E+02	1	UI	pCi/L	EM	0
•		Total dissolved solids	36,000	39,000	21,000	21,000	1	J	µg/L	WA	0
		Total organic carbon	<1,000	<1,000	<1,000	<1,000	1		µg/L	WA	0
		Total organic halogens	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Total phosphates (as P)	<50	<50	72	72	1		µg/L	WA	0
		Total suspended solids	<1,000	<1,000	<1,000	<1,000	1		µg/L	GE	0
		Toxaphene	<1.1	<1.1	<1.1	<1.1	1.09		µg/L	WA	0
		2,4,5-TP (Silvex)	<0.55	<0.55	<0.56	<0.56	1.12		µg/L	WA	0
		1,1,1-Trichloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,1,2-Trichloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Trichloroethylene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Trichlorofluoromethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,2,3-Trichloropropane	<10	<10	<10	<10	1		µg/L	WA	0
		Tritium		7.7E-01	1.0E+00	1.0E+00	1	J	pCi/mL	GP	0
		Vanadium, total recoverable	<3.0	<3.0	<3.0	<3.0	1		µg/L	WA	0
		Vinyl acetate	<10	<10	<10	<10	1		µg/L	WA	0
		Xylenes	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0

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• = exceeded holding time for fourth quarter 1994.

■ = exceeded screening level or final PDWS for fourth quarter 1994.

WELL LFW 63C

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

SAMPLE DATE	03/29/94	06/08/94	09/09/94
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FIELD DATA

Analyte	1Q94	2Q94	3Q94	4Q94	Unit
Water elevation		140.2	139.6	139.4	ft msl
Depth to water		27.9	28.5	28.7	ft
pH		5.6	5.3	5.3	pH
Sp. conductance		36	38	37	µS/cm
Water temperature		20.0	20.2	21.0	°C
Alkalinity as CaCO ₃		5	4	1	mg/L
Turbidity		6	3	56	NTU
Volume purged		3.6	3.8	13.5	well vol.
Sampling code					

ANALYTICAL DATA

H	ST	Analyte	1Q94	2Q94	3Q94	4Q94	DF	Mod	Unit	Lab	Flag
		Acetone	<110	<10	<30	<30	1	J	µg/L	WA	0
		Acetonitrile (Methyl cyanide)	<20	<20	<20	<20	1		µg/L	WA	0
		Acrolein	<10	<10	<10	<10	1		µg/L	WA	0
		Acrylonitrile	<10	<10	<10	<10	1		µg/L	WA	0
		Allyl chloride	<20	<20	<20	<20	1		µg/L	WA	0
		Aluminum, total recoverable	<103	204	168	168	1		µg/L	WA	2
		Arsenic, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Barium, total recoverable	7.2	6.0	8.4	8.4	1		µg/L	WA	0
		Benzene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Boron, total recoverable	<30	<52	<30	<30	1		µg/L	GE	0
		Bromodichloromethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Bromoform	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Bromomethane (Methyl bromide)	<10	<10	<10	<10	1		µg/L	WA	0
		Cadmium, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Calcium, total recoverable	1,510	1,300	1,360	1,360	1		µg/L	WA	0
		Carbon disulfide	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Carbon tetrachloride	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Chloride	1,900	1,880	2,000	2,000	1		µg/L	WA	0
		Chlorobenzene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Chloroethane	<10	<10	<10	<10	1		µg/L	WA	0
		Chloroethene (Vinyl chloride)	<10	<10	<10	<10	1		µg/L	WA	0
		Chloroform	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Chloromethane (Methyl chloride)	2.8	1.3	3.0	3.0	1	J	µg/L	WA	0
		Chloroprene	<100	<100	<100	<100	1		µg/L	WA	0
		Chromium, total recoverable	<4.0	<4.0	<4.0	<4.0	1		µg/L	WA	0
		Copper, total recoverable	8.5	13	7.3	7.3	1		µg/L	WA	0
		Dibromochloromethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,2-Dibromo-3-chloropropane	<20	<20	<20	<20	1		µg/L	WA	0
		1,2-Dibromoethane	<20	<20	<20	<20	1		µg/L	WA	0
		Dibromomethane	<10	<10	<10	<10	1		µg/L	WA	0
		trans-1,4-Dichloro-2-butene	<100	<100	<100	<100	1		µg/L	WA	0
		Dichlorodifluoromethane	<10	<10	<10	<10	1		µg/L	WA	0
		1,1-Dichloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,2-Dichloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,1-Dichloroethylene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,2-Dichloroethylene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Dichloromethane	<60	<5.0	2.5	2.5	1	J	µg/L	WA	1
		2,4-Dichlorophenoxyacetic acid	<1.1	<1.1	<1.1	<1.1	1.11		µg/L	WA	0
		1,2-Dichloropropane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0

Note: Flagging, dilution factors, modifiers, and laboratories are for fourth quarter 1994 data only. See Appendix B for flagging criteria.

● = exceeded holding time for fourth quarter 1994.

■ = exceeded screening level or final PDWS for fourth quarter 1994.

Well LFW 63C continued

ANALYTICAL DATA

H	ST	Analyte	1Q94	2Q94	3Q94	4Q94	DF	Mod	Unit	Lab	Flag
		cis-1,3-Dichloropropene		<5.0	<5.0	<5.0	1		µg/L	WA	0
		trans-1,3-Dichloropropene		<5.0	<5.0	<5.0	1		µg/L	WA	0
		Endrin		<0.11		<0.11	1.1		µg/L	WA	0
		Ethylbenzene		<5.0	<5.0	<5.0	1		µg/L	WA	0
		Fluoride		<100	<100	<100	1		µg/L	WA	0
		Gross alpha			1.6E+00	1.6E+00	1	J	pCi/L	GP	0
		2-Hexanone		<10	<10	<10	1		µg/L	WA	0
		Iodomethane (Methyl iodide)		<10	<10	<10	1		µg/L	WA	0
		Iron, total recoverable		268	76	698	1		µg/L	WA	2
		Isobutyl alcohol		<20	<20	<20	1		µg/L	WA	0
		Lead, total recoverable		<3.0	14	<3.0	1		µg/L	WA	0
		Lindane		<0.054		<0.055	1.1		µg/L	WA	0
		Lithium, total recoverable		<5.0	<5.0	<5.0	1		µg/L	WA	0
		Magnesium, total recoverable		331	484	387	1		µg/L	WA	0
		Manganese, total recoverable		22	13	28	1		µg/L	WA	1
		Mercury, total recoverable		<0.20	<0.20	<0.20	1		µg/L	WA	0
		Methacrylonitrile		<20	<20	<20	1		µg/L	WA	0
		Methoxychlor		<0.54	<0.53	<0.55	1.1		µg/L	WA	0
		Methyl ethyl ketone		<10	<10	<10	1		µg/L	WA	0
		Methyl isobutyl ketone		<10	<10	<10	1		µg/L	WA	0
		Nickel, total recoverable		4.9	<4.0	5.5	1		µg/L	WA	0
		Nitrate as nitrogen		1,120	1,060	295	5		µg/L	WA	0
		Nonvolatile beta			1.4E+00	1.4E+00	1	UI	pCi/L	GP	0
•		pH		5.5	5.3	5.4	1	J	pH	WA	0
		Phenols		<5.0	<5.0	<5.0	1		µg/L	WA	0
		Potassium, total recoverable		<500	<500	<500	1		µg/L	WA	0
		Propionitrile		<50	<50	<50	1		µg/L	WA	0
		Radium, total alpha-emitting				8.0E-01	1	J	pCi/L	GP	0
		Radium-226			1.5E-01				pCi/L		
		Radium-228			1.1E+00				pCi/L		
		Selenium, total recoverable		<2.0	<2.0	<2.0	1		µg/L	WA	0
		Silica, dissolved		8,240	8,250	8,730	2.1		µg/L	WA	0
		Silica, total recoverable		6,360	9,290	6,150	2.1		µg/L	WA	0
		Silver, total recoverable		<2.0	<2.0	<2.0	1		µg/L	WA	0
		Sodium, total recoverable		2,030	2,570	1,680	1		µg/L	WA	0
		Specific conductance		30	28	32	1		µS/cm	WA	0
		Styrene		<5.0	<5.0	<5.0	1		µg/L	WA	0
		Sulfate		2,480	1,840	1,650	1		µg/L	WA	0
		1,1,1,2-Tetrachloroethane		<10	<10	<10	1		µg/L	WA	0
		1,1,2,2-Tetrachloroethane		<5.0	<5.0	<5.0	1		µg/L	WA	0
		Tetrachloroethylene		<5.0	<5.0	<5.0	1		µg/L	WA	0
		Toluene		<5.0	<5.0	<5.0	1		µg/L	WA	0
		Total activity			1.6E+03	6.3E+02	1	UI	pCi/L	EM	0
•		Total dissolved solids		26,000	52,000	45,000	1	J	µg/L	WA	0
		Total organic carbon		<1,000	<1,000	<1,000	1		µg/L	WA	0
		Total organic halogens		<5.0	<5.0	<5.0	1		µg/L	WA	0
		Total phosphates (as P)		<50	<50	75	1		µg/L	WA	0
		Total suspended solids		5,000	3,000	30,000	1		µg/L	GE	0
		Toxaphene		<1.1		<1.1	1.1		µg/L	WA	0
		2,4,5-TP (Silvex)		<0.55	<0.55	<0.56	1.11		µg/L	WA	0
		1,1,1-Trichloroethane		<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,1,2-Trichloroethane		<5.0	<5.0	<5.0	1		µg/L	WA	0
		Trichloroethylene		<5.0	<5.0	<5.0	1		µg/L	WA	0
		Trichlorofluoromethane		<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,2,3-Trichloropropane		<10	<10	<10	1		µg/L	WA	0
		Tritium			9.6E-01	1.6E+00	1		pCi/mL	GP	0
		Vanadium, total recoverable		<3.0	<3.0	<3.0	1		µg/L	WA	0
		Vinyl acetate		<10	<10	<10	1		µg/L	WA	0
		Xylenes		<5.0	<5.0	<5.0	1		µg/L	WA	0

Note: Flagging, dilution factors, modifiers, and laboratories are for fourth quarter 1994 data only. See Appendix B for flagging criteria.

• = exceeded holding time for fourth quarter 1994.

■ = exceeded screening level or final PDWS for fourth quarter 1994.

WELL LFW 63D

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

SAMPLE DATE	03/29/94	06/08/94	09/09/94
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FIELD DATA

Analyte	1Q94	2Q94	3Q94	4Q94	Unit
Water elevation		140.5	139.8	139.7	ft msl
Depth to water		27.8	28.5	28.6	ft
pH		5.3	5.4	5.3	pH
Sp. conductance		24	31	51	µS/cm
Water temperature		19.6	20.5	20.1	°C
Alkalinity as CaCO ₃		3	1	4	mg/L
Turbidity		2	1	0	NTU
Volume purged		7.8	13.7	43.9	well vol.
Sampling code					

ANALYTICAL DATA

H	ST	Analyte	1Q94	2Q94	3Q94	4Q94	DF	Mod	Unit	Lab	Flag
		Acetone	<110	<80	<30	<30	1	J	µg/L	WA	0
		Acetonitrile (Methyl cyanide)	<20	<20	<20	<20	1		µg/L	WA	0
		Acrolein	<10	<10	<10	<10	1		µg/L	WA	0
		Acrylonitrile	<10	<10	<10	<10	1		µg/L	WA	0
		Allyl chloride	<20	<20	<20	<20	1		µg/L	WA	0
		Aluminum, total recoverable	<103	23	31	31	1		µg/L	WA	1
		Arsenic, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Barium, total recoverable	4.8	<4.0	<4.0	<4.0	1		µg/L	WA	0
		Benzene	<5.0	<5.0	1.0	1.0	1	J	µg/L	WA	0
		Boron, total recoverable	<30	<52	<30	<30	1		µg/L	GE	0
		Bromodichloromethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Bromoform	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Bromomethane (Methyl bromide)	<10	<10	<10	<10	1		µg/L	WA	0
		Cadmium, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Calcium, total recoverable	703	545	521	521	1		µg/L	WA	0
		Carbon disulfide	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Carbon tetrachloride	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Chloride	1,980	3,560	6,780	6,780	1		µg/L	WA	0
		Chlorobenzene	<5.0	2.5	6.8	6.8	1		µg/L	WA	0
		Chloroethane	<10	<10	<10	<10	1		µg/L	WA	0
■		Chloroethene (Vinyl chloride)	<10	<10	4.9	4.9	1	J	µg/L	WA	2
		Chloroform	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Chloromethane (Methyl chloride)	<10	3.5	4.9	4.9	1	J	µg/L	WA	0
		Chloroprene	<100	<100	<100	<100	1		µg/L	WA	0
		Chromium, total recoverable	<4.0	<4.0	<4.0	<4.0	1		µg/L	WA	0
		Copper, total recoverable	<4.0	<4.0	<4.0	<4.0	1		µg/L	WA	0
		Dibromochloromethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,2-Dibromo-3-chloropropane	<20	<20	<20	<20	1		µg/L	WA	0
		1,2-Dibromoethane	<20	<20	<20	<20	1		µg/L	WA	0
		Dibromomethane	<10	<10	<10	<10	1		µg/L	WA	0
		trans-1,4-Dichloro-2-butene	<100	<100	<100	<100	1		µg/L	WA	0
		Dichlorodifluoromethane	24	11	4.5	4.5	1	J	µg/L	WA	0
		1,1-Dichloroethane	2.5	4.4	12	12	1		µg/L	WA	2
		1,2-Dichloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,1-Dichloroethylene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,2-Dichloroethylene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Dichloromethane	<60	<5.0	3.6	3.6	1	J	µg/L	WA	1
		2,4-Dichlorophenoxyacetic acid	<1.1	<1.1	<1.1	<1.1	1.1		µg/L	WA	0
		1,2-Dichloropropane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0

Note: Flagging, dilution factors, modifiers, and laboratories are for fourth quarter 1994 data only. See Appendix B for flagging criteria.

● = exceeded holding time for fourth quarter 1994.

■ = exceeded screening level or final PDWS for fourth quarter 1994.

Well LFW 63D continued

ANALYTICAL DATA

H	ST	Analyte	1Q94	2Q94	3Q94	4Q94	DF	Mod	Unit	Lab	Flag
		cis-1,3-Dichloropropene		<5.0	<5.0	<5.0	1		µg/L	WA	0
		trans-1,3-Dichloropropene		<5.0	<5.0	<5.0	1		µg/L	WA	0
		Endrin		<0.10	<0.11	<0.11	1.08		µg/L	WA	0
		Ethylbenzene		<5.0	<5.0	<5.0	1		µg/L	WA	0
		Fluoride		<100	<100	<100	1		µg/L	WA	0
		Gross alpha			<7.2E-01	3.2E-01	1	UI	pCi/L	GP	0
		2-Hexanone		<10	<10	<10	1		µg/L	WA	0
		Iodomethane (Methyl iodide)		<10	<10	<10	1		µg/L	WA	0
		Iron, total recoverable		30	16	26	1		µg/L	WA	0
		Isobutyl alcohol		<20	<20	<20	1		µg/L	WA	0
		Lead, total recoverable		<3.0	<3.0	<3.0	1		µg/L	WA	0
		Lindane		<0.052	<0.052	<0.054	1.08		µg/L	WA	0
		Lithium, total recoverable		<5.0	<5.0	<5.0	1		µg/L	WA	0
		Magnesium, total recoverable		566	627	786	1		µg/L	WA	0
		Manganese, total recoverable		13	3.2	<2.0	1		µg/L	WA	0
		Mercury, total recoverable		<0.20	<0.20	0.72	1		µg/L	WA	0
		Methacrylonitrile		<20	<20	<20	1		µg/L	WA	0
		Methoxychlor		<0.52	<0.53	<0.54	1.08		µg/L	WA	0
		Methyl ethyl ketone		<10	<10	<10	1		µg/L	WA	0
		Methyl isobutyl ketone		<10	<10	<10	1		µg/L	WA	0
		Nickel, total recoverable		<4.0	<4.0	<4.0	1		µg/L	WA	0
		Nitrate as nitrogen		23	27	<20	1		µg/L	WA	0
		Nonvolatile beta			<6.7E-01	7.1E-01	1	UI	pCi/L	GP	0
•		pH	5.4	5.2	5.5	5.5	1	J	pH	WA	0
		Phenols		<5.0	<5.0	<5.0	1		µg/L	WA	0
		Potassium, total recoverable		<500	<500	<500	1		µg/L	WA	0
		Propionitrile		<50	<50	<50	1		µg/L	WA	0
		Radium, total alpha-emitting				7.0E-01	1	J	pCi/L	GP	0
		Radium-226			2.8E+00				pCi/L		
		Radium-228			<2.5E-01				pCi/L		
		Selenium, total recoverable		<2.0	<2.0	<2.0	1		µg/L	WA	0
		Silica, dissolved		6,500	6,500	6,250	2.1		µg/L	WA	0
		Silica, total recoverable		6,750	6,640	5,630	2.1		µg/L	WA	0
		Silver, total recoverable		<2.0	<2.0	<2.0	1		µg/L	WA	0
		Sodium, total recoverable		1,900	2,780	4,480	1		µg/L	WA	0
		Specific conductance		20	23	47	1		µS/cm	WA	0
		Styrene		<5.0	<5.0	<5.0	1		µg/L	WA	0
		Sulfate		<1,000	<1,000	<2,000	2		µg/L	WA	0
		1,1,1,2-Tetrachloroethane		<10	<10	<10	1		µg/L	WA	0
		1,1,2,2-Tetrachloroethane		<5.0	<5.0	<5.0	1		µg/L	WA	0
		Tetrachloroethylene		<5.0	<5.0	<5.0	1		µg/L	WA	0
		Toluene		<5.0	<5.0	<5.0	1		µg/L	WA	0
		Total activity			2.7E+03	3.6E+03	1		pCi/L	EM	0
•		Total dissolved solids	19,000	45,000	87,000	87,000	1	J	µg/L	WA	0
		Total organic carbon	<1,000	<1,000	1,800	1,800	1		µg/L	WA	0
•		Total organic halogens	20	36	117	117	4	J	µg/L	WA	2
		Total phosphates (as P)	<50	<50	<50	<50	1		µg/L	WA	0
		Total suspended solids	<1,000	<1,000	<1,000	<1,000	1		µg/L	GE	0
		Toxaphene	<1.0	<1.1	<1.1	<1.1	1.08		µg/L	WA	0
		2,4,5-TP (Silvex)	<0.55	<0.55	<0.55	<0.55	1.1		µg/L	WA	0
		1,1,1-Trichloroethane	3.5	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,1,2-Trichloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Trichloroethylene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Trichlorofluoromethane	35	10	5.3	5.3	1		µg/L	WA	1
		1,2,3-Trichloropropane	<10	<10	<10	<10	1		µg/L	WA	0
		Tritium			3.3E+00	4.2E+00	1		pCi/mL	GP	0
		Vanadium, total recoverable	<3.0	<3.0	<3.0	<3.0	1		µg/L	WA	0
		Vinyl acetate	<10	<10	<10	<10	1		µg/L	WA	0
		Xylenes	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0

Note: Flagging, dilution factors, modifiers, and laboratories are for fourth quarter 1994 data only. See Appendix B for flagging criteria.

• = exceeded holding time for fourth quarter 1994.

■ = exceeded screening level or final PDWS for fourth quarter 1994.

WELL LFW 64B

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

SAMPLE DATE	03/27/94	04/05/94	09/13/94

FIELD DATA

Analyte	1Q94	2Q94	3Q94	4Q94	Unit
Water elevation		139.9	139.9	139.4	ft msl
Depth to water	11.5	11.5	11.5	12.0	ft
pH		4.4	4.4	3.9	pH
Sp. conductance		53	53	72	µS/cm
Water temperature		19.4	19.4	19.5	°C
Alkalinity as CaCO ₃		0	0	0	mg/L
Turbidity		4	4	0	NTU
Volume purged		2.4	2.4	4.3	well vol.
Sampling code	P				

ANALYTICAL DATA

H	ST	Analyte	1Q94	2Q94	3Q94	4Q94	DF	Mod	Unit	Lab	Flag
		Acetone			<10	<40	1	J	µg/L	WA	0
		Acetonitrile (Methyl cyanide)			<20	<20	1		µg/L	WA	0
		Acrolein			<10	<10	1		µg/L	WA	0
		Acrylonitrile			<10	<10	1		µg/L	WA	0
		Allyl chloride			<20	<20	1		µg/L	WA	0
		Aluminum, total recoverable			408	394	1		µg/L	WA	2
		Arsenic, total recoverable			<2.0	<2.0	1		µg/L	WA	0
		Barium, total recoverable			13	8.0	1		µg/L	WA	0
		Benzene			<5.0	<5.0	1		µg/L	WA	0
		Boron, total recoverable			<30	<30	1		µg/L	GE	0
		Bromodichloromethane			<5.0	<5.0	1		µg/L	WA	0
		Bromoform			<5.0	<5.0	1		µg/L	WA	0
		Bromomethane (Methyl bromide)			<10	<10	1		µg/L	WA	0
		Cadmium, total recoverable			<2.0	<2.0	1		µg/L	WA	0
		Calcium, total recoverable			1,790	1,310	1		µg/L	WA	0
		Carbon disulfide			<5.0	<5.0	1		µg/L	WA	0
		Carbon tetrachloride			<5.0	<5.0	1		µg/L	WA	0
		Chloride			1,780	1,900	1		µg/L	WA	0
		Chlorobenzene			<5.0	<5.0	1		µg/L	WA	0
		Chloroethane			<10	<10	1		µg/L	WA	0
		Chloroethene (Vinyl chloride)			<10	<10	1		µg/L	WA	0
		Chloroform			<5.0	<5.0	1		µg/L	WA	0
		Chloromethane (Methyl chloride)			3.7	5.7	1	J	µg/L	WA	1
		Chloroprene			<100	<100	1		µg/L	WA	0
		Chromium, total recoverable			<4.0	<4.0	1		µg/L	WA	0
		Copper, total recoverable			<4.0	<4.0	1		µg/L	WA	0
		Dibromochloromethane			<5.0	<5.0	1		µg/L	WA	0
		1,2-Dibromo-3-chloropropane			<20	<20	1		µg/L	WA	0
		1,2-Dibromoethane			<20	<20	1		µg/L	WA	0
		Dibromomethane			<10	<10	1		µg/L	WA	0
		trans-1,4-Dichloro-2-butene			<100	<100	1		µg/L	WA	0
		Dichlorodifluoromethane			<10	<10	1		µg/L	WA	0
		1,1-Dichloroethane			<5.0	<5.0	1		µg/L	WA	0
		1,2-Dichloroethane			<5.0	<5.0	1		µg/L	WA	0
		1,1-Dichloroethylene			<5.0	<5.0	1		µg/L	WA	0
		trans-1,2-Dichloroethylene			<5.0	<5.0	1		µg/L	WA	0
		Dichloromethane			<5.0	<5.0	1		µg/L	WA	0
		2,4-Dichlorophenoxyacetic acid			<1.1	<1.1	1.1		µg/L	WA	0
		1,2-Dichloropropane			<5.0	<5.0	1		µg/L	WA	0

Note: Flagging, dilution factors, modifiers, and laboratories are for fourth quarter 1994 data only. See Appendix B for flagging criteria.

● = exceeded holding time for fourth quarter 1994.

■ = exceeded screening level or final PDWS for fourth quarter 1994.

Well LFW 64B continued

ANALYTICAL DATA

H	ST	Analyte	1Q94	2Q94	3Q94	4Q94	DF	Mod	Unit	Lab	Flag
		cis-1,3-Dichloropropene			<5.0	<5.0	1		µg/L	WA	0
		trans-1,3-Dichloropropene			<5.0	<5.0	1		µg/L	WA	0
		Endrin			<0.11	<0.11	1.09		µg/L	WA	0
		Ethylbenzene			<5.0	<5.0	1		µg/L	WA	0
		Fluoride			<100	<100	1		µg/L	WA	0
		Gross alpha			8.3E+00	6.5E+00	1		pCi/L	GP	0
		2-Hexanone			<10	<10	1		µg/L	WA	0
		Iodomethane (Methyl iodide)			<10	<10	1		µg/L	WA	0
		Iron, total recoverable			426	255	1		µg/L	WA	1
		Isobutyl alcohol			<20	<20	1		µg/L	WA	0
		Lead, total recoverable			4.4	<3.0	1		µg/L	WA	0
		Lindane			<0.055	<0.055	1.09		µg/L	WA	0
		Lithium, total recoverable			<5.0	6.8	1		µg/L	WA	0
		Magnesium, total recoverable			465	360	1		µg/L	WA	0
		Manganese, total recoverable			21	13	1		µg/L	WA	0
		Mercury, total recoverable			<0.20	<0.20	1		µg/L	WA	0
		Methacrylonitrile			<20	<20	1		µg/L	WA	0
		Methoxychlor			<0.55	<0.55	1.09		µg/L	WA	0
		Methyl ethyl ketone			<10	<10	1		µg/L	WA	0
		Methyl isobutyl ketone			<10	<10	1		µg/L	WA	0
		Nickel, total recoverable			13	7.2	1		µg/L	WA	0
		Nitrate as nitrogen			<20	<20	1		µg/L	WA	0
		Nonvolatile beta			1.3E+01	7.1E+00	1		pCi/L	GP	0
•		pH			4.8	4.3	1	J	pH	WA	0
		Phenols			<5.0	<5.0	1		µg/L	WA	0
		Potassium, total recoverable			<500	<500	1		µg/L	WA	0
		Propionitrile			<50	<50	1		µg/L	WA	0
		Radium, total alpha-emitting				5.6E+00	1		pCi/L	GP	0
		Radium-226			3.7E+00				pCi/L		
		Radium-228			3.4E+00				pCi/L		
		Selenium, total recoverable			<2.0	<2.0	1		µg/L	WA	0
		Silica, dissolved			11,100	12,100	2.1		µg/L	WA	0
		Silica, total recoverable			11,200	10,900	2.1		µg/L	WA	0
		Silver, total recoverable			<2.0	<2.0	1		µg/L	WA	0
		Sodium, total recoverable			2,060	1,240	1		µg/L	WA	0
		Specific conductance			56	53	1		µS/cm	WA	0
		Styrene			<5.0	<5.0	1		µg/L	WA	0
		Sulfate			12,400	11,000	1		µg/L	WA	0
		1,1,1,2-Tetrachloroethane			<10	<10	1		µg/L	WA	0
		1,1,2,2-Tetrachloroethane			<5.0	<5.0	1		µg/L	WA	0
		Tetrachloroethylene			<5.0	<5.0	1		µg/L	WA	0
		Toluene			<5.0	<5.0	1		µg/L	WA	0
		Total activity			-9.5E+01	1.6E+02	1	UI	pCi/L	EM	0
		Total dissolved solids			43,000	17,000	1		µg/L	WA	0
		Total organic carbon			<1,000	<1,000	1		µg/L	WA	0
		Total organic halogens			11	8.6	1		µg/L	WA	0
		Total phosphates (as P)			<50	<50	1		µg/L	WA	0
		Total suspended solids			3,000	<1,000	1		µg/L	GE	0
		Toxaphene			<1.1	<1.1	1.09		µg/L	WA	0
		2,4,5-TP (Silvex)			<0.55	<0.55	1.1		µg/L	WA	0
		1,1,1-Trichloroethane			<5.0	<5.0	1		µg/L	WA	0
		1,1,2-Trichloroethane			<5.0	<5.0	1		µg/L	WA	0
		Trichloroethylene			<5.0	<5.0	1		µg/L	WA	0
		Trichlorofluoromethane			<5.0	<5.0	1		µg/L	WA	0
		1,2,3-Trichloropropane			<10	<10	1		µg/L	WA	0
		Tritium			4.3E-01	1.1E-01	1	UI	pCi/mL	GP	0
		Vanadium, total recoverable			<3.0	<3.0	1		µg/L	WA	0
		Vinyl acetate			<10	<10	1		µg/L	WA	0
		Xylenes			<5.0	<5.0	1		µg/L	WA	0

Note: Flagging, dilution factors, modifiers, and laboratories are for fourth quarter 1994 data only. See Appendix B for flagging criteria.

• = exceeded holding time for fourth quarter 1994.

■ = exceeded screening level or final PDWS for fourth quarter 1994.

WELL LFW 64C

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

SAMPLE DATE	03/27/94	06/09/94	09/26/94
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FIELD DATA

Analyte	1Q94	2Q94	3Q94	4Q94	Unit
Water elevation		140.1	139.7	139.6	ft msl
Depth to water		12.1	12.5	12.6	ft
pH		5.7		4.5	pH
Sp. conductance		68		56	µS/cm
Water temperature		19.5		19.5	°C
Alkalinity as CaCO ₃		7		0	mg/L
Turbidity		14		8	NTU
Volume purged		4.5		4.4	well vol.
Sampling code			P		

ANALYTICAL DATA

H	ST	Analyte	1Q94	2Q94	3Q94	4Q94	DF	Mod	Unit	Lab	Flag
		Acetone		<10		<10	1		µg/L	WA	0
		Acetonitrile (Methyl cyanide)		<20		<20	1		µg/L	WA	0
		Acrolein		<10		<10	1		µg/L	WA	0
		Acrylonitrile		<10		<10	1		µg/L	WA	0
		Allyl chloride		<20		<20	1		µg/L	WA	0
		Aluminum, total recoverable		275		252	1		µg/L	WA	2
		Arsenic, total recoverable		<2.0		<2.0	1		µg/L	WA	0
		Barium, total recoverable		11		11	1		µg/L	WA	0
		Benzene		<5.0		<5.0	1		µg/L	WA	0
		Boron, total recoverable		<30		<30	1		µg/L	GE	0
		Bromodichloromethane		<5.0		<5.0	1		µg/L	WA	0
		Bromoform		<5.0		<5.0	1		µg/L	WA	0
		Bromomethane (Methyl bromide)		<10		<10	1		µg/L	WA	0
		Cadmium, total recoverable		<2.0		<2.0	1		µg/L	WA	0
		Calcium, total recoverable		1,550		1,110	1		µg/L	WA	0
		Carbon disulfide		<5.0		<5.0	1		µg/L	WA	0
		Carbon tetrachloride		<5.0		<5.0	1		µg/L	WA	0
		Chloride		1,840		1,840	1		µg/L	WA	0
		Chlorobenzene		<5.0		<5.0	1		µg/L	WA	0
		Chloroethane		<10		<10	1		µg/L	WA	0
		Chloroethene (Vinyl chloride)		<10		<10	1		µg/L	WA	0
		Chloroform		<5.0		<5.0	1		µg/L	WA	0
		Chloromethane (Methyl chloride)		<10		10	1		µg/L	WA	2
		Chloroprene		<100		<100	1		µg/L	WA	0
		Chromium, total recoverable		<4.0		<4.0	1		µg/L	WA	0
		Copper, total recoverable		<4.0		<4.0	1		µg/L	WA	0
		Dibromochloromethane		<5.0		<5.0	1		µg/L	WA	0
		1,2-Dibromo-3-chloropropane		<20		<20	1		µg/L	WA	0
		1,2-Dibromoethane		<20		<20	1		µg/L	WA	0
		Dibromomethane		<10		<10	1		µg/L	WA	0
		trans-1,4-Dichloro-2-butene		<100		<100	1		µg/L	WA	0
		Dichlorodifluoromethane		<10		<10	1		µg/L	WA	0
		1,1-Dichloroethane		<5.0		<5.0	1		µg/L	WA	0
		1,2-Dichloroethane		<5.0		<5.0	1		µg/L	WA	0
		1,1-Dichloroethylene		<5.0		<5.0	1		µg/L	WA	0
		1,2-Dichloroethylene		<5.0		<5.0	1		µg/L	WA	0
		Dichloromethane		<5.0		1.3	1	J	µg/L	WA	0
		2,4-Dichlorophenoxyacetic acid		<1.1		<1.1	1.1		µg/L	WA	0
		1,2-Dichloropropane		<5.0		<5.0	1		µg/L	WA	0

Note: Flagging, dilution factors, modifiers, and laboratories are for fourth quarter 1994 data only. See Appendix B for flagging criteria.

● = exceeded holding time for fourth quarter 1994.

■ = exceeded screening level or final PDWS for fourth quarter 1994.

Well LFW 64C continued

ANALYTICAL DATA

H	ST	Analyte	1Q94	2Q94	3Q94	4Q94	DF	Mod	Unit	Lab	Flag
		cis-1,3-Dichloropropene		<5.0		<5.0	1		µg/L	WA	0
		trans-1,3-Dichloropropene		<5.0		<5.0	1		µg/L	WA	0
		Endrin		<0.11		<0.11	1.1		µg/L	WA	0
		Ethylbenzene		<5.0		<5.0	1		µg/L	WA	0
		Fluoride		<100		<100	1		µg/L	WA	0
		Gross alpha		7.3E+00		4.9E+00	1		pCi/L	GP	0
		2-Hexanone		<10		<10	1		µg/L	WA	0
		Iodomethane (Methyl iodide)		<10		<10	1		µg/L	WA	0
		Iron, total recoverable		356		130	1		µg/L	WA	0
		Isobutyl alcohol		<20		<20	1		µg/L	WA	0
		Lead, total recoverable		<3.0		7.2	1		µg/L	WA	0
		Lindane		<0.055		<0.055	1.1		µg/L	WA	0
		Lithium, total recoverable		<5.0		<5.0	1		µg/L	WA	0
		Magnesium, total recoverable		453		410	1		µg/L	WA	0
		Manganese, total recoverable		21		18	1		µg/L	WA	0
		Mercury, total recoverable		<0.20		<0.20	1		µg/L	WA	0
		Methacrylonitrile		<20		<20	1		µg/L	WA	0
		Methoxychlor		<0.55		<0.55	1.1		µg/L	WA	0
		Methyl ethyl ketone		<10		<10	1		µg/L	WA	0
		Methyl isobutyl ketone		2.1		<10	1		µg/L	WA	0
		Nickel, total recoverable		7.0		4.7	1		µg/L	WA	0
		Nitrate as nitrogen		492		93	1		µg/L	WA	0
		Nonvolatile beta		7.4E+00		2.8E+00	1	J	pCi/L	GP	0
•		pH		6.8		4.8	1	J	pH	WA	0
		Phenols		<5.0		<5.0	1		µg/L	WA	0
		Potassium, total recoverable		<500		<500	1		µg/L	WA	0
		Propionitrile		<50		<50	1		µg/L	WA	0
		Radium, total alpha-emitting				3.6E+00	1		pCi/L	GP	0
		Radium-226		1.7E+00					pCi/L		
		Radium-228		1.5E+00					pCi/L		
		Selenium, total recoverable		<2.0		<2.0	1		µg/L	WA	0
		Silica, dissolved		10,700					µg/L		
		Silica, total recoverable		8,110		11,000	2.1		µg/L	WA	0
		Silver, total recoverable		<2.0		<2.0	1		µg/L	WA	0
		Sodium, total recoverable		6,260		2,420	1		µg/L	WA	0
		Specific conductance		52		50	1		µS/cm	WA	0
		Styrene		<5.0		<5.0	1		µg/L	WA	0
		Sulfate		15,000		14,100	2		µg/L	WA	0
		1,1,1,2-Tetrachloroethane		<10		<10	1		µg/L	WA	0
		1,1,2,2-Tetrachloroethane		<5.0		<5.0	1		µg/L	WA	0
		Tetrachloroethylene		<5.0		<5.0	1		µg/L	WA	0
		Toluene		<5.0		<5.0	1		µg/L	WA	0
		Total dissolved solids		58,000		33,000	1		µg/L	WA	0
		Total organic carbon		<1,000		<1,000	1		µg/L	WA	0
		Total organic halogens		<5.0		<5.0	1		µg/L	WA	0
		Total phosphates (as P)		<50		<50	1		µg/L	WA	0
		Total suspended solids		17,000		6,000	1		µg/L	GE	0
		Toxaphene		<1.1		<1.1	1.1		µg/L	WA	0
		2,4,5-TP (Silvex)		<0.55		<0.55	1.1		µg/L	WA	0
		1,1,1-Trichloroethane		<5.0		<5.0	1		µg/L	WA	0
		1,1,2-Trichloroethane		<5.0		<5.0	1		µg/L	WA	0
		Trichloroethylene		<5.0		<5.0	1		µg/L	WA	0
		Trichlorofluoromethane		<5.0		<5.0	1		µg/L	WA	0
		1,2,3-Trichloropropane		<10		<10	1		µg/L	WA	0
		Tritium		6.5E-01		5.2E-01	1	UI	pCi/mL	GP	0
		Vanadium, total recoverable		<3.0		<3.0	1		µg/L	WA	0
		Vinyl acetate		<10		<10	1		µg/L	WA	0
		Xylenes		<5.0		<5.0	1		µg/L	WA	0

Note: Flagging, dilution factors, modifiers, and laboratories are for fourth quarter 1994 data only. See Appendix B for flagging criteria.

- = exceeded holding time for fourth quarter 1994.
- = exceeded screening level or final PDWS for fourth quarter 1994.

WELL LFW 64D

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

SAMPLE DATE	03/27/94	06/09/94	09/26/94
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FIELD DATA

Analyte	1Q94	2Q94	3Q94	4Q94	Unit
Water elevation		140.2	139.7	139.6	ft msl
Depth to water		12.0	12.5	12.6	ft
pH		5.5		5.2	pH
Sp. conductance		105		101	µS/cm
Water temperature		18.4		19.3	°C
Alkalinity as CaCO ₃		3		13	mg/L
Turbidity		1		2	NTU
Volume purged		6.3		7.5	well vol.
Sampling code			P		

ANALYTICAL DATA

H	ST	Analyte	1Q94	2Q94	3Q94	4Q94	DF	Mod	Unit	Lab	Flag
		Acetone		<10		<40	1	J	µg/L	WA	0
		Acetonitrile (Methyl cyanide)		<20		<20	1		µg/L	WA	0
		Acrolein		<10		<10	1		µg/L	WA	0
		Acrylonitrile		<10		<10	1		µg/L	WA	0
		Allyl chloride		<20		<20	1		µg/L	WA	0
		Aluminum, total recoverable		<20		53	1		µg/L	WA	2
		Arsenic, total recoverable		<2.0		<2.0	1		µg/L	WA	0
		Barium, total recoverable		12		14	1		µg/L	WA	0
		Benzene		1.7		1.8	1	J	µg/L	WA	0
		Boron, total recoverable		33		45	1	J	µg/L	GE	0
		Bromodichloromethane		<5.0		<5.0	1		µg/L	WA	0
		Bromoform		<5.0		<5.0	1		µg/L	WA	0
		Bromomethane (Methyl bromide)		<10		<10	1		µg/L	WA	0
		Cadmium, total recoverable		<2.0		<2.0	1		µg/L	WA	0
		Calcium, total recoverable		1,850		1,780	1		µg/L	WA	0
		Carbon disulfide		<5.0		<5.0	1		µg/L	WA	0
		Carbon tetrachloride		<5.0		<5.0	1		µg/L	WA	0
		Chloride		13,800		13,700	2		µg/L	WA	0
		Chlorobenzene		5.9		15	1		µg/L	WA	0
		Chloroethane		<10		<10	1		µg/L	WA	0
■		Chloroethene (Vinyl chloride)		60		70	1		µg/L	WA	2
		Chloroform		<5.0		<5.0	1		µg/L	WA	0
		Chloromethane (Methyl chloride)		<10		14	1		µg/L	WA	2
		Chloroprene		<100		<100	1		µg/L	WA	0
		Chromium, total recoverable		<4.0		<4.0	1		µg/L	WA	0
		Copper, total recoverable		<4.0		<4.0	1		µg/L	WA	0
		Dibromochloromethane		<5.0		<5.0	1		µg/L	WA	0
		1,2-Dibromo-3-chloropropane		<20		<20	1		µg/L	WA	0
		1,2-Dibromoethane		<20		<20	1		µg/L	WA	0
		Dibromomethane		<10		<10	1		µg/L	WA	0
		trans-1,4-Dichloro-2-butene		<100		<100	1		µg/L	WA	0
		Dichlorodifluoromethane		<10		<10	1		µg/L	WA	0
		1,1-Dichloroethane		34		25	1		µg/L	WA	2
		1,2-Dichloroethane		2.4		<5.0	1		µg/L	WA	0
		1,1-Dichloroethylene		<5.0		<5.0	1		µg/L	WA	0
		1,2-Dichloroethylene		<5.0		<5.0	1		µg/L	WA	0
		Dichloromethane		<5.0		3.8	1	J	µg/L	WA	1
		2,4-Dichlorophenoxyacetic acid		<1.1		<1.1	1.11		µg/L	WA	0
		1,2-Dichloropropane		<5.0		<5.0	1		µg/L	WA	0

Note: Flagging, dilution factors, modifiers, and laboratories are for fourth quarter 1994 data only. See Appendix B for flagging criteria.

● = exceeded holding time for fourth quarter 1994.

■ = exceeded screening level or final PDWS for fourth quarter 1994.

Well LFW 64D continued

ANALYTICAL DATA

H	ST	Analyte	1Q94	2Q94	3Q94	4Q94	DF	Mod	Unit	Lab	Flag
		cis-1,3-Dichloropropene		<5.0		<5.0	1		µg/L	WA	0
		trans-1,3-Dichloropropene		<5.0		<5.0	1		µg/L	WA	0
		Endrin		<0.11		<0.11	1.09		µg/L	WA	0
		Ethylbenzene		<5.0		<5.0	1		µg/L	WA	0
		Fluoride		<100		<100	1		µg/L	WA	0
		Gross alpha		1.0E+00		1.2E+00	1	J	pCi/L	GP	0
		2-Hexanone		<10		<10	1		µg/L	WA	0
		Iodomethane (Methyl iodide)		<10		<10	1		µg/L	WA	0
		Iron, total recoverable		164		323	1		µg/L	WA	2
		Isobutyl alcohol		<20		<20	1		µg/L	WA	0
		Lead, total recoverable		<3.0		<3.0	1		µg/L	WA	0
		Lindane		<0.055		<0.055	1.09		µg/L	WA	0
		Lithium, total recoverable		5.8		<5.0	1		µg/L	WA	0
		Magnesium, total recoverable		680		965	1		µg/L	WA	0
		Manganese, total recoverable		31		36	1		µg/L	WA	1
		Mercury, total recoverable		<0.20		<0.20	1		µg/L	WA	0
		Methacrylonitrile		<20		<20	1		µg/L	WA	0
		Methoxychlor		<0.55		<0.55	1.09		µg/L	WA	0
		Methyl ethyl ketone		<10		<10	1		µg/L	WA	0
		Methyl isobutyl ketone		<10		<10	1		µg/L	WA	0
		Nickel, total recoverable		<4.0		<4.0	1		µg/L	WA	0
		Nitrate as nitrogen		<20		<20	1		µg/L	WA	0
		Nonvolatile beta		2.5E+00		1.1E+00	1	UI	pCi/L	GP	0
•		pH		6.7		5.5	1	J	pH	WA	0
		Phenols		<5.0		<5.0	1		µg/L	WA	0
		Potassium, total recoverable		563		590	1		µg/L	WA	0
		Propionitrile		<50		<50	1		µg/L	WA	0
		Radium, total alpha-emitting				3.0E-01	1	UI	pCi/L	GP	0
		Radium-226		2.6E-01					pCi/L		
		Radium-228		<1.1E-01					pCi/L		
		Selenium, total recoverable		<2.0		<2.0	1		µg/L	WA	0
		Silica, dissolved		6,340					µg/L		
		Silica, total recoverable		5,880		4,840	2.1		µg/L	WA	0
		Silver, total recoverable		<2.0		<2.0	1		µg/L	WA	0
		Sodium, total recoverable		15,100		12,500	1		µg/L	WA	0
		Specific conductance		84		89	1		µS/cm	WA	0
		Styrene		<5.0		<5.0	1		µg/L	WA	0
		Sulfate		3,140		2,900	1		µg/L	WA	0
		1,1,1,2-Tetrachloroethane		<10		<10	1		µg/L	WA	0
		1,1,2,2-Tetrachloroethane		<5.0		<5.0	1		µg/L	WA	0
		Tetrachloroethylene		<5.0		<5.0	1		µg/L	WA	0
		Toluene		7.2		1.6	1	J	µg/L	WA	0
		Total dissolved solids		103,000		50,000	1		µg/L	WA	0
		Total organic carbon		1,980		2,100	1		µg/L	WA	0
		Total organic halogens		175		192	2.5		µg/L	WA	2
		Total phosphates (as P)		<50		<50	1		µg/L	WA	0
		Total suspended solids		<1,000		<1,000	1		µg/L	GE	0
		Toxaphene		<1.1		<1.1	1.09		µg/L	WA	0
		2,4,5-TP (Silvex)		<0.56		<0.56	1.11		µg/L	WA	0
		1,1,1-Trichloroethane		<5.0		<5.0	1		µg/L	WA	0
		1,1,2-Trichloroethane		<5.0		<5.0	1		µg/L	WA	0
		Trichloroethylene		<5.0		<5.0	1		µg/L	WA	0
		Trichlorofluoromethane		<5.0		<5.0	1		µg/L	WA	0
		1,2,3-Trichloropropane		<10		<10	1		µg/L	WA	0
		Tritium		1.1E+01		1.7E+01	1		pCi/mL	GP	1
		Vanadium, total recoverable		<3.0		<3.0	1		µg/L	WA	0
		Vinyl acetate		<10		<10	1		µg/L	WA	0
		Xylenes		2.4		2.3	1	J	µg/L	WA	0

Note: Flagging, dilution factors, modifiers, and laboratories are for fourth quarter 1994 data only. See Appendix B for flagging criteria.

• = exceeded holding time for fourth quarter 1994.

■ = exceeded screening level or final PDWS for fourth quarter 1994.

WELL LFW 65B

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

SAMPLE DATE	03/25/94	06/07/94	09/15/94

FIELD DATA

Analyte	1Q94	2Q94	3Q94	4Q94	Unit
Water elevation		138.2	137.5	137.2	ft msl
Depth to water		10.0	10.7	11.0	ft
pH		4.8	4.5	4.4	pH
Sp. conductance		54	56	55	µS/cm
Water temperature		20.1	20.0	19.5	°C
Alkalinity as CaCO ₃		0	0	0	mg/L
Turbidity		35	26	9	NTU
Volume purged		8.7	4.4	4.0	well vol.
Sampling code					

ANALYTICAL DATA

H	ST	Analyte	1Q94	2Q94	3Q94	4Q94	DF	Mod	Unit	Lab	Flag
		Acetone	<10	<10	<10	<10	1		µg/L	WA	0
		Acetonitrile (Methyl cyanide)	<20	<20	<20	<20	1		µg/L	WA	0
		Acrolein	<10	<10	<10	<10	1		µg/L	WA	0
		Acrylonitrile	<10	<10	<10	<10	1		µg/L	WA	0
		Allyl chloride	<20	<20	<20	<20	1		µg/L	WA	0
		Aluminum, total recoverable	318	400	434	434	1	J	µg/L	WA	2
		Arsenic, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Barium, total recoverable	8.3	7.5	7.8	7.8	1		µg/L	WA	0
		Benzene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Boron, total recoverable	<30	<52	<30	<30	1		µg/L	GE	0
		Bromodichloromethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Bromoform	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Bromomethane (Methyl bromide)	<10	<10	<10	<10	1		µg/L	WA	0
		Cadmium, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Calcium, total recoverable	1,550	1,360	1,800	1,800	1		µg/L	WA	0
		Carbon disulfide	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Carbon tetrachloride	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Chloride	1,850	1,790	2,110	2,110	1		µg/L	WA	0
		Chlorobenzene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Chloroethane	<10	<10	<10	<10	1		µg/L	WA	0
		Chloroethene (Vinyl chloride)	<10	<10	<10	<10	1		µg/L	WA	0
		Chloroform	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Chloromethane (Methyl chloride)	<10	4.6	5.8	5.8	1	J	µg/L	WA	1
		Chloroprene	<100	<100	<100	<100	1		µg/L	WA	0
		Chromium, total recoverable	6.6	<4.0	<4.0	<4.0	1		µg/L	WA	0
		Copper, total recoverable	6.5	<4.0	<4.0	<4.0	1		µg/L	WA	0
		Dibromochloromethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,2-Dibromo-3-chloropropane	<20	<20	<20	<20	1		µg/L	WA	0
		1,2-Dibromoethane	<20	<20	<20	<20	1		µg/L	WA	0
		Dibromomethane	<10	<10	<10	<10	1		µg/L	WA	0
		trans-1,4-Dichloro-2-butene	<100	<100	<100	<100	1		µg/L	WA	0
		Dichlorodifluoromethane	<10	<10	<10	<10	1		µg/L	WA	0
		1,1-Dichloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,2-Dichloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,1-Dichloroethylene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,2-Dichloroethylene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Dichloromethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		2,4-Dichlorophenoxyacetic acid	<1.1	<1.1	<1.1	<1.1	1.12		µg/L	WA	0
		1,2-Dichloropropane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0

Note: Flagging, dilution factors, modifiers, and laboratories are for fourth quarter 1994 data only. See Appendix B for flagging criteria.

● = exceeded holding time for fourth quarter 1994.

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Well LFW 65B continued

ANALYTICAL DATA

H	ST	Analyte	1Q94	2Q94	3Q94	4Q94	DF	Mod	Unit	Lab	Flag
		cis-1,3-Dichloropropene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		trans-1,3-Dichloropropene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Endrin	<0.11	<0.11	<0.11	<0.11	1.1		µg/L	WA	0
		Ethylbenzene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Fluoride	<100	<100	<100	<100	1		µg/L	WA	0
		Gross alpha	6.6E+00	7.9E+00	3.5E+00	3.5E+00	1		pCi/L	GP	0
		2-Hexanone	<10	<10	<10	<10	1		µg/L	WA	0
		Iodomethane (Methyl iodide)	<10	<10	<10	<10	1		µg/L	WA	0
		Iron, total recoverable	253	244	192	192	1		µg/L	WA	1
		Isobutyl alcohol	<20	<20	<20	<20	1		µg/L	WA	0
		Lead, total recoverable	4.5	3.7	<3.0	<3.0	1		µg/L	WA	0
		Lindane	<0.056	<0.055	<0.055	<0.055	1.1		µg/L	WA	0
		Lithium, total recoverable	12	6.8	<5.0	<5.0	1		µg/L	WA	0
		Magnesium, total recoverable	332	277	357	357	1		µg/L	WA	0
		Manganese, total recoverable	16	9.9	13	13	1		µg/L	WA	0
		Mercury, total recoverable	<0.20	<0.20	<0.20	<0.20	1		µg/L	WA	0
		Methacrylonitrile	<20	<20	<20	<20	1		µg/L	WA	0
		Methoxychlor	<0.56	<0.55	<0.55	<0.55	1.1		µg/L	WA	0
		Methyl ethyl ketone	<10	<10	<10	<10	1		µg/L	WA	0
		Methyl isobutyl ketone	<10	<10	<10	<10	1		µg/L	WA	0
		Nickel, total recoverable	15	7.2	7.8	7.8	1		µg/L	WA	0
		Nitrate as nitrogen	76	65	100	100	1		µg/L	WA	0
		Nonvolatile beta	5.7E+00	4.4E+00	2.6E+00	2.6E+00	1	J	pCi/L	GP	0
		pH	5.9	4.4	6.5	6.5	1	J	pH	WA	0
		Phenols	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Potassium, total recoverable	675	<500	<500	<500	1		µg/L	WA	0
		Propionitrile	<50	<50	<50	<50	1		µg/L	WA	0
		Radium, total alpha-emitting			4.2E+00	4.2E+00	1		pCi/L	GP	0
		Radium-226	1.8E+00	2.4E+00					pCi/L		
		Radium-228	6.0E-01	1.3E+00					pCi/L		
		Selenium, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Silica, dissolved	11,500	11,900	12,100	12,100	2.1		µg/L	WA	0
		Silica, total recoverable	8,630	8,130	12,800	12,800	2.1	J	µg/L	WA	0
		Silver, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Sodium, total recoverable	2,190	1,820	2,120	2,120	1		µg/L	WA	0
		Specific conductance	39	41	46	46	1		µS/cm	WA	0
		Styrene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Sulfate	10,500	10,700	10,200	10,200	2		µg/L	WA	0
		1,1,1,2-Tetrachloroethane	<10	<10	<10	<10	1		µg/L	WA	0
		1,1,2,2-Tetrachloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Tetrachloroethylene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Toluene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Total activity		8.8E+02					pCi/L		
		Total dissolved solids	61,000	35,000	39,000	39,000	1		µg/L	WA	0
		Total organic carbon	<1,000	<1,000	<1,000	<1,000	1		µg/L	WA	0
		Total organic halogens	12	11	<5.0	<5.0	1		µg/L	WA	0
		Total phosphates (as P)	<50	<50	1,680	1,680	5		µg/L	WA	0
		Total suspended solids	32,000	23,000	12,000	12,000	1		µg/L	GE	0
		Toxaphene	<1.1	<1.1	<1.1	<1.1	1.1		µg/L	WA	0
		2,4,5-TP (Silvex)	<0.56	<0.55	<0.56	<0.56	1.12		µg/L	WA	0
		1,1,1-Trichloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,1,2-Trichloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Trichloroethylene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Trichlorofluoromethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,2,3-Trichloropropane	<10	<10	<10	<10	1		µg/L	WA	0
		Tritium	<1.6E-01	2.8E-01	4.6E-01	4.6E-01	1	UI	pCi/mL	GP	0
		Vanadium, total recoverable	<3.0	<3.0	<3.0	<3.0	1		µg/L	WA	0
		Vinyl acetate	<10	<10	<10	<10	1		µg/L	WA	0
		Xylenes	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0

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• = exceeded holding time for fourth quarter 1994.

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WELL LFW 65C

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

SAMPLE DATE	03/27/94	06/07/94	09/15/94

FIELD DATA

Analyte	1Q94	2Q94	3Q94	4Q94	Unit
Water elevation	138.1	137.5	137.2	137.2	ft msl
Depth to water	10.1	10.7	11.1	11.1	ft
pH	5.2	5.1	4.9	4.9	pH
Sp. conductance	34	40	39	39	µS/cm
Water temperature	19.6	19.9	19.4	19.4	°C
Alkalinity as CaCO ₃	2	1	0	0	mg/L
Turbidity	7	1	1	1	NTU
Volume purged	3.5	3.6	4.3	4.3	well vol.
Sampling code					

ANALYTICAL DATA

H	ST	Analyte	1Q94	2Q94	3Q94	4Q94	DF	Mod	Unit	Lab	Flag
		Acetone	<10	<10	<10	<10	1		µg/L	WA	0
		Acetonitrile (Methyl cyanide)	<20	<20	<20	<20	1		µg/L	WA	0
		Acrolein	<10	<10	<10	<10	1		µg/L	WA	0
		Acrylonitrile	<10	<10	<10	<10	1		µg/L	WA	0
		Allyl chloride	<20	<20	<20	<20	1		µg/L	WA	0
		Aluminum, total recoverable	57	51	41	41	1		µg/L	WA	1
		Arsenic, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Barium, total recoverable	7.2	11	10	10	1		µg/L	WA	0
		Benzene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Boron, total recoverable	<30	<30	<30	<30	1		µg/L	GE	0
		Bromodichloromethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Bromoform	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Bromomethane (Methyl bromide)	<10	<10	<10	<10	1		µg/L	WA	0
		Cadmium, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Calcium, total recoverable	949	1,450	1,370	1,370	1		µg/L	WA	0
		Carbon disulfide	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Carbon tetrachloride	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Chloride	2,000	1,980	2,810	2,810	1		µg/L	WA	0
		Chlorobenzene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Chloroethane	<10	<10	<10	<10	1		µg/L	WA	0
		Chloroethene (Vinyl chloride)	<10	<10	<10	<10	1		µg/L	WA	0
		Chloroform	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Chloromethane (Methyl chloride)	<10	2.5	<10	<10	1		µg/L	WA	0
		Chloroprene	<100	<100	<100	<100	1		µg/L	WA	0
		Chromium, total recoverable	<4.0	<4.0	<4.0	<4.0	1		µg/L	WA	0
		Copper, total recoverable	<4.0	<4.0	<4.0	<4.0	1		µg/L	WA	0
		Dibromochloromethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,2-Dibromo-3-chloropropane	<20	<20	<20	<20	1		µg/L	WA	0
		1,2-Dibromoethane	<20	<20	<20	<20	1		µg/L	WA	0
		Dibromomethane	<10	<10	<10	<10	1		µg/L	WA	0
		trans-1,4-Dichloro-2-butene	<100	<100	<100	<100	1		µg/L	WA	0
		Dichlorodifluoromethane	<10	<10	<10	<10	1		µg/L	WA	0
		1,1-Dichloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,2-Dichloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,1-Dichloroethylene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,2-Dichloroethylene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Dichloromethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		2,4-Dichlorophenoxyacetic acid	<1.1	<1.1	<1.1	<1.1	1.1		µg/L	WA	0
		1,2-Dichloropropane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0

Note: Flagging, dilution factors, modifiers, and laboratories are for fourth quarter 1994 data only. See Appendix B for flagging criteria.

● = exceeded holding time for fourth quarter 1994.

■ = exceeded screening level or final PDWS for fourth quarter 1994.

Well LFW 65C continued

ANALYTICAL DATA

H	ST	Analyte	1Q94	2Q94	3Q94	4Q94	DF	Mod	Unit	Lab	Flag
		cis-1,3-Dichloropropene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		trans-1,3-Dichloropropene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Endrin	<0.11	<0.11	<0.11	<0.11	1.1		µg/L	WA	0
		Ethylbenzene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Fluoride	<100	<100	<100	<100	1		µg/L	WA	0
		Gross alpha	1.6E+00	2.3E+00	8.1E-01	8.1E-01	1	UI	pCi/L	GP	0
		2-Hexanone	<10	<10	<10	<10	1		µg/L	WA	0
		Iodomethane (Methyl iodide)	<10	<10	<10	<10	1		µg/L	WA	0
		Iron, total recoverable	110	27	40	40	1		µg/L	WA	0
		Isobutyl alcohol	<20	<20	<20	<20	1		µg/L	WA	0
		Lead, total recoverable	<3.0	<3.0	<3.0	<3.0	1		µg/L	WA	0
		Lindane	<0.056	<0.055	<0.055	<0.055	1.1		µg/L	WA	0
		Lithium, total recoverable	<5.0	5.7	<5.0	<5.0	1		µg/L	WA	0
		Magnesium, total recoverable	550	874	858	858	1		µg/L	WA	0
		Manganese, total recoverable	12	13	11	11	1		µg/L	WA	0
		Mercury, total recoverable	<0.20	<0.20	<0.20	<0.20	1		µg/L	WA	0
		Methacrylonitrile	<20	<20	<20	<20	1		µg/L	WA	0
		Methoxychlor	<0.56	<0.55	<0.55	<0.55	1.1		µg/L	WA	0
		Methyl ethyl ketone	<10	<10	<10	<10	1		µg/L	WA	0
		Methyl isobutyl ketone	<10	<10	<10	<10	1		µg/L	WA	0
		Nickel, total recoverable	6.1	5.0	5.5	5.5	1		µg/L	WA	0
		Nitrate as nitrogen	1,110	925	1,330	1,330	5		µg/L	WA	0
		Nonvolatile beta	1.8E+00	9.0E-01	8.4E-01	8.4E-01	1	UI	pCi/L	GP	0
•		pH	6.5	4.9	5.6	5.6	1	J	pH	WA	0
		Phenols	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Potassium, total recoverable	<500	<500	<500	<500	1		µg/L	WA	0
		Propionitrile	<50	<50	<50	<50	1		µg/L	WA	0
		Radium, total alpha-emitting			1.8E+00	1.8E+00	1		pCi/L	GP	0
		Radium-226	6.6E-01	8.0E-01	8.0E-01	8.0E-01	1		pCi/L		
		Radium-228	7.0E-01	8.0E-01	8.0E-01	8.0E-01	1		pCi/L		
		Selenium, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Silica, dissolved	9,780	9,460	9,910	9,910	2.1		µg/L	WA	0
		Silica, total recoverable	6,250	10,100	10,200	10,200	2.1		µg/L	WA	0
		Silver, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Sodium, total recoverable	1,640	2,010	1,830	1,830	1		µg/L	WA	0
		Specific conductance	26	29	33	33	1		µS/cm	WA	0
		Styrene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Sulfate	2,800	2,930	3,040	3,040	1		µg/L	WA	0
		1,1,1,2-Tetrachloroethane	<10	<10	<10	<10	1		µg/L	WA	0
		1,1,2,2-Tetrachloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Tetrachloroethylene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Toluene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Total activity		1.2E+03	1.2E+03	1.2E+03	1		pCi/L		
		Total dissolved solids	58,000	28,000	31,000	31,000	1		µg/L	WA	0
		Total organic carbon	<1,000	<1,000	<1,000	<1,000	1		µg/L	WA	0
		Total organic halogens	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Total phosphates (as P)	<50	<50	3,320	3,320	10		µg/L	WA	0
		Total suspended solids	5,000	<1,000	<1,000	<1,000	1		µg/L	GE	0
		Toxaphene	<1.1	<1.1	<1.1	<1.1	1.1		µg/L	WA	0
		2,4,5-TP (Silvex)	<0.55	<0.55	<0.55	<0.55	1.1		µg/L	WA	0
		1,1,1-Trichloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,1,2-Trichloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Trichloroethylene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Trichlorofluoromethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,2,3-Trichloropropane	<10	<10	<10	<10	1		µg/L	WA	0
		Tritium	8.4E-01	1.3E+00	1.2E+00	1.2E+00	1		pCi/mL	GP	0
		Vanadium, total recoverable	<3.0	<3.0	<3.0	<3.0	1		µg/L	WA	0
		Vinyl acetate	<10	<10	<10	<10	1		µg/L	WA	0
		Xylenes	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0

Note: Flagging, dilution factors, modifiers, and laboratories are for fourth quarter 1994 data only. See Appendix B for flagging criteria.

• = exceeded holding time for fourth quarter 1994.

■ = exceeded screening level or final PDWS for fourth quarter 1994.

WELL LFW 65D

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

SAMPLE DATE	03/27/94	04/05/94	09/15/94
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FIELD DATA

Analyte	1Q94	2Q94	3Q94	4Q94	Unit
Water elevation		138.6	138.5	137.3	ft msl
Depth to water	9.8		9.9	11.2	ft
pH			5.0	4.8	pH
Sp. conductance			18	23	µS/cm
Water temperature			17.3	19.3	°C
Alkalinity as CaCO ₃			0	0	mg/L
Turbidity			1	0	NTU
Volume purged			3.8	12.1	well vol.
Sampling code	P				

ANALYTICAL DATA

H	ST	Analyte	1Q94	2Q94	3Q94	4Q94	DF	Mod	Unit	Lab	Flag
		Acetone			<10	<10	1		µg/L	WA	0
		Acetonitrile (Methyl cyanide)			<20	<20	1		µg/L	WA	0
		Acrolein			<10	<10	1		µg/L	WA	0
		Acrylonitrile			<10	<10	1		µg/L	WA	0
		Allyl chloride			<20	<20	1		µg/L	WA	0
		Aluminum, total recoverable			32	21	1		µg/L	WA	0
		Arsenic, total recoverable			<2.0	<2.0	1		µg/L	WA	0
		Barium, total recoverable			<4.0	<4.0	1		µg/L	WA	0
		Benzene			<5.0	<5.0	1		µg/L	WA	0
		Boron, total recoverable			<30,000	<30	1		µg/L	GE	0
		Bromodichloromethane			<5.0	<5.0	1		µg/L	WA	0
		Bromoform			<5.0	<5.0	1		µg/L	WA	0
		Bromomethane (Methyl bromide)			<10	<10	1		µg/L	WA	0
		Cadmium, total recoverable			<2.0	<2.0	1		µg/L	WA	0
		Calcium, total recoverable			490	389	1		µg/L	WA	0
		Carbon disulfide			<5.0	<5.0	1		µg/L	WA	0
		Carbon tetrachloride			<5.0	<5.0	1		µg/L	WA	0
		Chloride			3,100	3,310	1		µg/L	WA	0
		Chlorobenzene			<5.0	<5.0	1		µg/L	WA	0
		Chloroethane			<10	<10	1		µg/L	WA	0
		Chloroethene (Vinyl chloride)			<10	<10	1		µg/L	WA	0
		Chloroform			<5.0	<5.0	1		µg/L	WA	0
		Chloromethane (Methyl chloride)			4.2	4.5	1	J	µg/L	WA	0
		Chloroprene			<100	<100	1		µg/L	WA	0
		Chromium, total recoverable			<4.0	<4.0	1		µg/L	WA	0
		Copper, total recoverable			<4.0	<4.0	1		µg/L	WA	0
		Dibromochloromethane			<5.0	<5.0	1		µg/L	WA	0
		1,2-Dibromo-3-chloropropane			<20	<20	1		µg/L	WA	0
		1,2-Dibromoethane			<20	<20	1		µg/L	WA	0
		Dibromomethane			<10	<10	1		µg/L	WA	0
		trans-1,4-Dichloro-2-butene			<100	<100	1		µg/L	WA	0
		Dichlorodifluoromethane			8.4	5.5	1	J	µg/L	WA	1
		1,1-Dichloroethane			6.8	5.5	1		µg/L	WA	1
		1,2-Dichloroethane			<5.0	<5.0	1		µg/L	WA	0
		1,1-Dichloroethylene			<5.0	<5.0	1		µg/L	WA	0
		trans-1,2-Dichloroethylene			<5.0	<5.0	1		µg/L	WA	0
		Dichloromethane			<10	3.5	1	J	µg/L	WA	1
•		2,4-Dichlorophenoxyacetic acid			<1.1	<1.1	1.1	J	µg/L	WA	0
		1,2-Dichloropropane			<5.0	<5.0	1		µg/L	WA	0

Note: Flagging, dilution factors, modifiers, and laboratories are for fourth quarter 1994 data only. See Appendix B for flagging criteria.

• = exceeded holding time for fourth quarter 1994.

■ = exceeded screening level or final PDWS for fourth quarter 1994.

Well LFW 65D continued

ANALYTICAL DATA

H	ST	Analyte	1Q94	2Q94	3Q94	4Q94	DF	Mod	Unit	Lab	Flag
		cis-1,3-Dichloropropene			<5.0	<5.0	1		µg/L	WA	0
		trans-1,3-Dichloropropene			<5.0	<5.0	1		µg/L	WA	0
		Endrin			<0.11	<0.11	1.11		µg/L	WA	0
		Ethylbenzene			<5.0	<5.0	1		µg/L	WA	0
		Fluoride			<100	<100	1		µg/L	WA	0
		Gross alpha			7.0E-01	3.7E-01	1	UI	pCi/L	GP	0
		2-Hexanone			<10	<10	1		µg/L	WA	0
		Iodomethane (Methyl iodide)			<10	<10	1		µg/L	WA	0
		Iron, total recoverable			14	<4.0	1		µg/L	WA	0
		Isobutyl alcohol			<20	<20	1		µg/L	WA	0
		Lead, total recoverable			5.9	<3.0	1		µg/L	WA	0
		Lindane			<0.055	<0.056	1.11		µg/L	WA	0
		Lithium, total recoverable			<5.0	<5.0	1		µg/L	WA	0
		Magnesium, total recoverable			468	391	1		µg/L	WA	0
		Manganese, total recoverable			4.1	2.0	1		µg/L	WA	0
		Mercury, total recoverable			<0.20	<0.20	1		µg/L	WA	0
		Methacrylonitrile			<20	<20	1		µg/L	WA	0
		Methoxychlor			<0.55	<0.56	1.11		µg/L	WA	0
		Methyl ethyl ketone			<10	<10	1		µg/L	WA	0
		Methyl isobutyl ketone			<10	<10	1		µg/L	WA	0
		Nickel, total recoverable			<4.0	<4.0	1		µg/L	WA	0
		Nitrate as nitrogen			145	109	1		µg/L	WA	0
		Nonvolatile beta			1.3E+00	3.5E+00	1		pCi/L	GP	0
•		pH			5.4	5.0	1	J	pH	WA	0
		Phenols			<5.0	<5.0	1		µg/L	WA	0
		Potassium, total recoverable			547	<500	1		µg/L	WA	0
		Propionitrile			<50	<50	1		µg/L	WA	0
		Radium, total alpha-emitting				5.0E-01	1	J	pCi/L	GP	0
		Radium-226			9.2E-01				pCi/L		
		Radium-228			1.5E+00				pCi/L		
		Selenium, total recoverable			<2.0	<2.0	1		µg/L	WA	0
		Silica, dissolved			6,500	7,120	2.1		µg/L	WA	0
		Silica, total recoverable			6,490	6,930	2.1		µg/L	WA	0
		Silver, total recoverable			<2.0	<2.0	1		µg/L	WA	0
		Sodium, total recoverable			1,470	1,260	1		µg/L	WA	0
		Specific conductance			18	18	1		µS/cm	WA	0
		Styrene			<5.0	<5.0	1		µg/L	WA	0
		Sulfate			<1,000	<1,000	1		µg/L	WA	0
		1,1,1,2-Tetrachloroethane			<10	<10	1		µg/L	WA	0
		1,1,2,2-Tetrachloroethane			<5.0	<5.0	1		µg/L	WA	0
		Tetrachloroethylene			<5.0	<5.0	1		µg/L	WA	0
		Toluene			<5.0	<5.0	1		µg/L	WA	0
		Total activity			5.7E+03	5.3E+03	1		pCi/L	EM	0
		Total dissolved solids			14,000	16,000	1		µg/L	WA	0
		Total organic carbon			<1,000	<1,000	1		µg/L	WA	0
		Total organic halogens			31	43	1		µg/L	WA	1
		Total phosphates (as P)			<50	3,060	10		µg/L	WA	0
		Total suspended solids			<1,000	<1,000	1		µg/L	GE	0
		Toxaphene			<1.1	<1.1	1.11		µg/L	WA	0
•		2,4,5-TP (Silvex)			<0.53	<0.55	1.1	J	µg/L	WA	0
		1,1,1-Trichloroethane			<5.0	1.8	1	J	µg/L	WA	0
		1,1,2-Trichloroethane			<5.0	<5.0	1		µg/L	WA	0
		Trichloroethylene			2.6	2.1	1	J	µg/L	WA	0
		Trichlorofluoromethane			13	13	1		µg/L	WA	2
		1,2,3-Trichloropropane			<10	<10	1		µg/L	WA	0
		Tritium			4.4E+00	3.3E+00	1		pCi/mL	GP	0
		Vanadium, total recoverable			<3.0	<3.0	1		µg/L	WA	0
		Vinyl acetate			<10	<10	1		µg/L	WA	0
		Xylenes			<5.0	<5.0	1		µg/L	WA	0

Note: Flagging, dilution factors, modifiers, and laboratories are for fourth quarter 1994 data only. See Appendix B for flagging criteria.

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WELL LFW 66B

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

SAMPLE DATE	03/26/94	06/02/94	09/13/94
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FIELD DATA

Analyte	1Q94	2Q94	3Q94	4Q94	Unit
Water elevation		140.9	140.1	139.9	ft msl
Depth to water		21.4	22.2	22.4	ft
pH		5.4	5.2		pH
Sp. conductance		35	39		µS/cm
Water temperature		19.8	20.7		°C
Alkalinity as CaCO ₃		4	1		mg/L
Turbidity		6	1		NTU
Volume purged		3.5	5.2		well vol.
Sampling code				P	

ANALYTICAL DATA

H	ST	Analyte	1Q94	2Q94	3Q94	4Q94	DF	Mod	Unit	Lab	Flag
		Acetone		<10	<10				µg/L		
		Acetonitrile (Methyl cyanide)		<20	<20				µg/L		
		Acrolein		<10	<10				µg/L		
		Acrylonitrile		<10	<10				µg/L		
		Allyl chloride		<20	<20				µg/L		
		Aluminum, total recoverable		128	49				µg/L		
		Arsenic, total recoverable		<2.0	<2.0				µg/L		
		Barium, total recoverable		10	9.0				µg/L		
		Benzene		<5.0	<5.0				µg/L		
		Boron, total recoverable		<30	<52				µg/L		
		Bromodichloromethane		<5.0	<5.0				µg/L		
		Bromoform		<5.0	<5.0				µg/L		
		Bromomethane (Methyl bromide)		<10	<10				µg/L		
		Cadmium, total recoverable		<2.0	<2.0				µg/L		
		Calcium, total recoverable		1,740	1,420				µg/L		
		Carbon disulfide		<5.0	<5.0				µg/L		
		Carbon tetrachloride		<5.0	<5.0				µg/L		
		Chloride		2,500	2,370				µg/L		
		Chlorobenzene		<5.0	<5.0				µg/L		
		Chloroethane		<10	<10				µg/L		
		Chloroethene (Vinyl chloride)		<10	<10				µg/L		
		Chloroform		<5.0	<5.0				µg/L		
		Chloromethane (Methyl chloride)		<10	2.4				µg/L		
		Chloroprene		<100	<100				µg/L		
		Chromium, total recoverable		<4.0	<4.0				µg/L		
		Copper, total recoverable		<4.0	8.0				µg/L		
		Dibromochloromethane		<5.0	<5.0				µg/L		
		1,2-Dibromo-3-chloropropane		<20	<20				µg/L		
		1,2-Dibromoethane		<20	<20				µg/L		
		Dibromomethane		<10	<10				µg/L		
		trans-1,4-Dichloro-2-butene		<100	<100				µg/L		
		Dichlorodifluoromethane		<10	<10				µg/L		
		1,1-Dichloroethane		<5.0	<5.0				µg/L		
		1,2-Dichloroethane		<5.0	<5.0				µg/L		
		1,1-Dichloroethylene		<5.0	<5.0				µg/L		
		1,2-Dichloroethylene		<5.0	<5.0				µg/L		
		Dichloromethane		<5.0	<5.0				µg/L		
		2,4-Dichlorophenoxyacetic acid		<1.1	<1.2				µg/L		
		1,2-Dichloropropane		<5.0	<5.0				µg/L		

Note: Flagging, dilution factors, modifiers, and laboratories are for fourth quarter 1994 data only. See Appendix B for flagging criteria.

● = exceeded holding time for fourth quarter 1994.

■ = exceeded screening level or final PDWS for fourth quarter 1994.

Well LFW 66B continued

ANALYTICAL DATA

H	ST	Analyte	1Q94	2Q94	3Q94	4Q94	DF	Mod	Unit	Lab	Flag
		cis-1,3-Dichloropropene		<5.0	<5.0				µg/L		
		trans-1,3-Dichloropropene		<5.0	<5.0				µg/L		
		Endrin		<0.11	<0.11				µg/L		
		Ethylbenzene		<5.0	<5.0				µg/L		
		Fluoride		<100	<100				µg/L		
		Gross alpha		3.3E+00	1.7E+00				pCi/L		
		2-Hexanone		<10	<10				µg/L		
		Iodomethane (Methyl iodide)		<10	<10				µg/L		
		Iron, total recoverable		103	<30				µg/L		
		Isobutyl alcohol		<20	<20				µg/L		
		Lead, total recoverable		<3.0	16				µg/L		
		Lindane		<0.056	<0.056				µg/L		
		Lithium, total recoverable		<5.0	<5.0				µg/L		
		Magnesium, total recoverable		859	871				µg/L		
		Manganese, total recoverable		16	12				µg/L		
		Mercury, total recoverable		<0.20	<0.20				µg/L		
		Methacrylonitrile		<20	<20				µg/L		
		Methoxychlor		<0.56	<0.56				µg/L		
		Methyl ethyl ketone		<10	<10				µg/L		
		Methyl isobutyl ketone		<10	<10				µg/L		
		Nickel, total recoverable		<4.0	<4.0				µg/L		
		Nitrate as nitrogen		1,670	1,440				µg/L		
		Nonvolatile beta		2.8E+00	2.7E+00				pCi/L		
		pH		6.6	5.3				pH		
		Phenols		<5.0	<5.0				µg/L		
		Potassium, total recoverable		520	<500				µg/L		
		Propionitrile		<50	<50				µg/L		
		Radium-226		9.8E-01	2.5E+00				pCi/L		
		Radium-228		1.0E+00	9.0E-01				pCi/L		
		Selenium, total recoverable		<2.0	<2.0				µg/L		
		Silica, dissolved		8,010	7,480				µg/L		
		Silica, total recoverable		8,500	7,470				µg/L		
		Silver, total recoverable		<2.0	<2.0				µg/L		
		Sodium, total recoverable		1,870	1,920				µg/L		
		Specific conductance		28	28				µS/cm		
		Styrene		<5.0	<5.0				µg/L		
		Sulfate		<1,000	<1,000				µg/L		
		1,1,1,2-Tetrachloroethane		<10	<10				µg/L		
		1,1,2,2-Tetrachloroethane		<5.0	<5.0				µg/L		
		Tetrachloroethylene		<5.0	<5.0				µg/L		
		Toluene		<5.0	<5.0				µg/L		
		Total activity			2.5E+03				pCi/L		
		Total dissolved solids		46,000	37,000				µg/L		
		Total organic carbon		<1,000	<1,000				µg/L		
		Total organic halogens		6.2	<5.0				µg/L		
		Total phosphates (as P)		<50	<50				µg/L		
		Total suspended solids		4,000	<1,000				µg/L		
		Toxaphene		<1.1	<1.1				µg/L		
		2,4,5-TP (Silvex)		<0.55	<0.58				µg/L		
		1,1,1-Trichloroethane		<5.0	<5.0				µg/L		
		1,1,2-Trichloroethane		<5.0	<5.0				µg/L		
		Trichloroethylene		<5.0	<5.0				µg/L		
		Trichlorofluoromethane		<5.0	<5.0				µg/L		
		1,2,3-Trichloropropane		<10	<10				µg/L		
		Tritium		1.7E+00	1.9E+00				pCi/mL		
		Vanadium, total recoverable		<3.0	<3.0				µg/L		
		Vinyl acetate		<10	<10				µg/L		
		Xylenes		<5.0	<5.0				µg/L		

Note: Flagging, dilution factors, modifiers, and laboratories are for fourth quarter 1994 data only. See Appendix B for flagging criteria.

● = exceeded holding time for fourth quarter 1994.

■ = exceeded screening level or final PDWS for fourth quarter 1994.

WELL LFW 66C

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

SAMPLE DATE	03/26/94	06/02/94	09/13/94
FIELD DATA			

Analyte	1Q94	2Q94	3Q94	4Q94	Unit
Water elevation		140.5	139.4	139.1	ft msl
Depth to water		21.3	22.4	22.7	ft
pH		5.4	5.0	5.4	pH
Sp. conductance		48	55	80	µS/cm
Water temperature		19.7	21.0	20.4	°C
Alkalinity as CaCO ₃		6	0	8	mg/L
Turbidity		5	1	1	NTU
Volume purged		0	6.2	11.5	well vol.
Sampling code					

ANALYTICAL DATA

H	ST	Analyte	1Q94	2Q94	3Q94	4Q94	DF	Mod	Unit	Lab	Flag
		Acetone	<10	<10	<34	1	J	µg/L	WA	0	
		Acetonitrile (Methyl cyanide)	<20	<20	<20	1		µg/L	WA	0	
		Acrolein	<10	<10	<10	1		µg/L	WA	0	
		Acrylonitrile	<10	<10	<10	1		µg/L	WA	0	
		Allyl chloride	<20	<20	<20	1		µg/L	WA	0	
		Aluminum, total recoverable	156	20	31	1		µg/L	WA	1	
		Arsenic, total recoverable	<2.0	<2.0	<2.0	1		µg/L	WA	0	
		Barium, total recoverable	12	10	14	1		µg/L	WA	0	
		Benzene	<5.0	<5.0	<5.0	1		µg/L	WA	0	
		Boron, total recoverable	<30	<52	<30	1		µg/L	GE	0	
		Bromodichloromethane	<5.0	<5.0	<5.0	1		µg/L	WA	0	
		Bromoform	<5.0	<5.0	<5.0	1		µg/L	WA	0	
		Bromomethane (Methyl bromide)	<10	<10	<10	1		µg/L	WA	0	
		Cadmium, total recoverable	<2.0	<2.0	<2.0	1		µg/L	WA	0	
		Calcium, total recoverable	1,820	1,370	3,390	1		µg/L	WA	0	
		Carbon disulfide	<5.0	<5.0	<5.0	1		µg/L	WA	0	
		Carbon tetrachloride	<5.0	<5.0	<5.0	1		µg/L	WA	0	
		Chloride	4,380	6,780	8,450	1		µg/L	WA	0	
		Chlorobenzene	<5.0	<5.0	<5.0	1		µg/L	WA	0	
		Chloroethane	<10	<10	<10	1		µg/L	WA	0	
		Chloroethene (Vinyl chloride)	<10	<10	<10	1		µg/L	WA	0	
		Chloroform	<5.0	<5.0	<5.0	1		µg/L	WA	0	
		Chloromethane (Methyl chloride)	<10	<10	9.8	1	J	µg/L	WA	1	
		Chloroprene	<100	<100	<100	1		µg/L	WA	0	
		Chromium, total recoverable	<4.0	<4.0	<4.0	1		µg/L	WA	0	
		Copper, total recoverable	<4.0	<4.0	<4.0	1		µg/L	WA	0	
		Dibromochloromethane	<5.0	<5.0	<5.0	1		µg/L	WA	0	
		1,2-Dibromo-3-chloropropane	<20	<20	<20	1		µg/L	WA	0	
		1,2-Dibromoethane	<20	<20	<20	1		µg/L	WA	0	
		Dibromomethane	<10	<10	<10	1		µg/L	WA	0	
		trans-1,4-Dichloro-2-butene	<100	<100	<100	1		µg/L	WA	0	
		Dichlorodifluoromethane	23	29	27	1		µg/L	WA	2	
		1,1-Dichloroethane	23	41	37	1		µg/L	WA	2	
		1,2-Dichloroethane	<5.0	<5.0	<5.0	1		µg/L	WA	0	
		1,1-Dichloroethylene	3.6	5.3	3.6	1	J	µg/L	WA	1	
		1,2-Dichloroethylene	<5.0	<5.0	<5.0	1		µg/L	WA	0	
■		Dichloromethane	5.1	31	40	1		µg/L	WA	2	
		2,4-Dichlorophenoxyacetic acid	<1.1	<1.1	<1.1	1.08		µg/L	WA	0	
		1,2-Dichloropropane	<5.0	<5.0	<5.0	1		µg/L	WA	0	

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● = exceeded holding time for fourth quarter 1994.

■ = exceeded screening level or final PDWS for fourth quarter 1994.

Well LFW 66C continued

ANALYTICAL DATA

H	ST	Analyte	1Q94	2Q94	3Q94	4Q94	DF	Mod	Unit	Lab	Flag
		cis-1,3-Dichloropropene		<5.0	<5.0	<5.0	1		µg/L	WA	0
		trans-1,3-Dichloropropene		<5.0	<5.0	<5.0	1		µg/L	WA	0
		Endrin		<0.11	<0.11	<0.11	1.06		µg/L	WA	0
		Ethylbenzene		<5.0	<5.0	<5.0	1		µg/L	WA	0
		Fluoride		<100	<100	<100	1		µg/L	WA	0
		Gross alpha		6.0E-01	<4.3E-01	8.8E-01	1	J	pCi/L	GP	0
		2-Hexanone		<10	<10	<10	1		µg/L	WA	0
		Iodomethane (Methyl iodide)		<10	<10	<10	1		µg/L	WA	0
		Iron, total recoverable		109	<30	14	1	J	µg/L	WA	0
		Isobutyl alcohol		<20	<20	<20	1		µg/L	WA	0
		Lead, total recoverable		<3.0	<3.0	<3.0	1		µg/L	WA	0
		Lindane		<0.055	<0.055	<0.053	1.06		µg/L	WA	0
		Lithium, total recoverable		<5.0	<5.0	7.0	1		µg/L	WA	0
		Magnesium, total recoverable		650	972	1,220	1		µg/L	WA	0
		Manganese, total recoverable		34	19	19	1		µg/L	WA	0
		Mercury, total recoverable		1.3	0.49	1.3	1		µg/L	WA	1
		Methacrylonitrile		<20	<20	<20	1		µg/L	WA	0
		Methoxychlor		<0.55	<0.55	<0.53	1.06		µg/L	WA	0
		Methyl ethyl ketone		<10	<10	<10	1		µg/L	WA	0
		Methyl isobutyl ketone		<10	<10	<10	1		µg/L	WA	0
		Nickel, total recoverable		<4.0	<4.0	<4.0	1		µg/L	WA	0
		Nitrate as nitrogen		618	341	500	10		µg/L	WA	0
		Nonvolatile beta		1.1E+00	9.0E-01	1.6E+00	1	UI	pCi/L	GP	0
•		pH		6.6	5.1	5.5	1	J	pH	WA	0
		Phenols		<5.0	<5.0	<5.0	1		µg/L	WA	0
		Potassium, total recoverable		548	<500	1,710	1		µg/L	WA	0
		Propionitrile		<50	<50	<50	1		µg/L	WA	0
		Radium, total alpha-emitting				6.0E-01	1	J	pCi/L	GP	0
		Radium-226		2.0E-01	1.0E+00				pCi/L		
		Radium-228		<1.1E-01	<1.1E-01				pCi/L		
		Selenium, total recoverable		<2.0	<2.0	<2.0	1		µg/L	WA	0
		Silica, dissolved		8,960	8,580	9,330	2.1		µg/L	WA	0
		Silica, total recoverable		9,630	8,650	9,380	2.1	J	µg/L	WA	0
		Silver, total recoverable		<2.0	<2.0	<2.0	1		µg/L	WA	0
		Sodium, total recoverable		4,870	4,390	5,880	1		µg/L	WA	0
		Specific conductance		38	45	51	1		µS/cm	WA	0
		Styrene		<5.0	<5.0	<5.0	1		µg/L	WA	0
		Sulfate		3,220	2,490	2,610	1		µg/L	WA	0
		1,1,1,2-Tetrachloroethane		<10	<10	<10	1		µg/L	WA	0
		1,1,2,2-Tetrachloroethane		<5.0	<5.0	<5.0	1		µg/L	WA	0
		Tetrachloroethylene		2.5	2.9	3.5	1	J	µg/L	WA	1
		Toluene		<5.0	<5.0	<5.0	1		µg/L	WA	0
		Total activity			3.6E+04				pCi/L		
		Total dissolved solids		21,000	3,000	42,000	1		µg/L	WA	0
		Total organic carbon		<1,000	2,200	1,000	1		µg/L	WA	0
		Total organic halogens		334	394	612	10		µg/L	WA	2
		Total phosphates (as P)		<50	<50	386	1		µg/L	WA	0
		Total suspended solids		2,000	<1,000	<1,000	1		µg/L	GE	0
		Toxaphene		<1.1	<1.1	<1.1	1.06		µg/L	WA	0
		2,4,5-TP (Silvex)		<0.55	<0.53	<0.54	1.08		µg/L	WA	0
		1,1,1-Trichloroethane		4.6	5.5	4.5	1	J	µg/L	WA	0
		1,1,2-Trichloroethane		<5.0	<5.0	<5.0	1		µg/L	WA	0
■		Trichloroethylene		11	15	17	1		µg/L	WA	2
		Trichlorofluoromethane		53	85	65	1		µg/L	WA	2
		1,2,3-Trichloropropane		<10	<10	<10	1		µg/L	WA	0
■		Tritium		2.9E+01	3.7E+01	5.6E+01	1		pCi/mL	GP	2
		Vanadium, total recoverable		<3.0	<3.0	<3.0	1		µg/L	WA	0
		Vinyl acetate		<10	<10	<10	1		µg/L	WA	0
		Xylenes		<5.0	<5.0	3.6	1	J	µg/L	WA	0

Note: Flagging, dilution factors, modifiers, and laboratories are for fourth quarter 1994 data only. See Appendix B for flagging criteria.

• = exceeded holding time for fourth quarter 1994.

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WELL LFW 66D

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

SAMPLE DATE	03/26/94	06/02/94	09/13/94
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FIELD DATA

Analyte	1Q94	2Q94	3Q94	4Q94	Unit
Water elevation		142.2	140.6	140.3	ft msl
Depth to water		19.5	21.1	21.4	ft
pH		5.2	5.0	4.8	pH
Sp. conductance		32	34	46	µS/cm
Water temperature		18.6	18.9	19.5	°C
Alkalinity as CaCO ₃		1	0	0	mg/L
Turbidity		1	0	1	NTU
Volume purged		10.8	78.6	15.8	well vol.
Sampling code					

ANALYTICAL DATA

H	ST	Analyte	1Q94	2Q94	3Q94	4Q94	DF	Mod	Unit	Lab	Flag
		Acetone	<10	<10	<34	1	J	µg/L	WA	0	
		Acetonitrile (Methyl cyanide)	<20	<20	<20	1		µg/L	WA	0	
		Acrolein	<10	<10	<10	1		µg/L	WA	0	
		Acrylonitrile	<10	<10	<10	1		µg/L	WA	0	
		Allyl chloride	<20	<20	<20	1		µg/L	WA	0	
		Aluminum, total recoverable	22	<20	29	1		µg/L	WA	1	
		Arsenic, total recoverable	<2.0	<2.0	<2.0	1		µg/L	WA	0	
		Barium, total recoverable	5.3	4.4	5.3	1		µg/L	WA	0	
■		Benzene	<5.0	<5.0	6.9	1		µg/L	WA	2	
		Boron, total recoverable	<30	<52	<30	1		µg/L	GE	0	
		Bromodichloromethane	<5.0	<5.0	<5.0	1		µg/L	WA	0	
		Bromoform	<5.0	<5.0	<5.0	1		µg/L	WA	0	
		Bromomethane (Methyl bromide)	<10	<10	<10	1		µg/L	WA	0	
		Cadmium, total recoverable	<2.0	<2.0	<2.0	1		µg/L	WA	0	
		Calcium, total recoverable	865	601	742	1		µg/L	WA	0	
		Carbon disulfide	1.0	<5.0	<5.0	1		µg/L	WA	0	
		Carbon tetrachloride	<5.0	<5.0	<5.0	1		µg/L	WA	0	
		Chloride	3,440	3,430	4,880	1		µg/L	WA	0	
		Chlorobenzene	<5.0	<5.0	<5.0	1		µg/L	WA	0	
		Chloroethane	2.9	<10	<10	1		µg/L	WA	0	
		Chloroethene (Vinyl chloride)	<10	<10	<10	1		µg/L	WA	0	
		Chloroform	<5.0	<5.0	<5.0	1		µg/L	WA	0	
		Chloromethane (Methyl chloride)	<10	<10	<10	1		µg/L	WA	0	
		Chloroprene	<100	<100	<100	1		µg/L	WA	0	
		Chromium, total recoverable	<4.0	<4.0	<4.0	1		µg/L	WA	0	
		Copper, total recoverable	<4.0	<4.0	<4.0	1		µg/L	WA	0	
		Dibromochloromethane	<5.0	<5.0	<5.0	1		µg/L	WA	0	
		1,2-Dibromo-3-chloropropane	<20	<20	<20	1		µg/L	WA	0	
		1,2-Dibromoethane	<20	<20	<20	1		µg/L	WA	0	
		Dibromomethane	<10	<10	<10	1		µg/L	WA	0	
		trans-1,4-Dichloro-2-butene	<100	<100	<100	1		µg/L	WA	0	
		Dichlorodifluoromethane	28	39	43	1		µg/L	WA	2	
		1,1-Dichloroethane	56	68	88	1		µg/L	WA	2	
		1,2-Dichloroethane	<5.0	<5.0	<5.0	1		µg/L	WA	0	
		1,1-Dichloroethylene	4.4	4.4	4.5	1	J	µg/L	WA	1	
		1,2-Dichloroethylene	<5.0	<5.0	<5.0	1		µg/L	WA	0	
■		Dichloromethane	9.6	<17	63	1		µg/L	WA	2	
		2,4-Dichlorophenoxyacetic acid	<1.1	<1.1	<1.1	1.11		µg/L	WA	0	
		1,2-Dichloropropane	2.3	3.3	4.8	1	J	µg/L	WA	1	

Note: Flagging, dilution factors, modifiers, and laboratories are for fourth quarter 1994 data only. See Appendix B for flagging criteria.

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Well LFW 66D continued

ANALYTICAL DATA

H	ST	Analyte	1Q94	2Q94	3Q94	4Q94	DF	Mod	Unit	Lab	Flag
		cis-1,3-Dichloropropene		<5.0	<5.0	<5.0	1		µg/L	WA	0
		trans-1,3-Dichloropropene		<5.0	<5.0	<5.0	1		µg/L	WA	0
		Endrin		<0.11	<0.11	<0.11	1.09		µg/L	WA	0
		Ethylbenzene		<5.0	<5.0	<5.0	1		µg/L	WA	0
		Fluoride		<100	<100	<100	1		µg/L	WA	0
		Gross alpha		6.0E-01	8.0E-01	2.0E+00	1	J	pCi/L	GP	0
		2-Hexanone		<10	<10	<10	1		µg/L	WA	0
		Iodomethane (Methyl iodide)		<10	<10	<10	1		µg/L	WA	0
		Iron, total recoverable		8.1	<30	4.8	1		µg/L	WA	0
		Isobutyl alcohol		<20	<20	<20	1		µg/L	WA	0
		Lead, total recoverable		<3.0	<3.0	<3.0	1		µg/L	WA	0
		Lindane		<0.055	<0.055	<0.055	1.09		µg/L	WA	0
		Lithium, total recoverable		<5.0	<5.0	<5.0	1		µg/L	WA	0
		Magnesium, total recoverable		522	616	916	1		µg/L	WA	0
		Manganese, total recoverable		11	5.3	5.7	1		µg/L	WA	0
		Mercury, total recoverable		<0.20	0.55	1.2	1		µg/L	WA	1
		Methacrylonitrile		<20	<20	<20	1		µg/L	WA	0
		Methoxychlor		<0.55	<0.55	<0.55	1.09		µg/L	WA	0
		Methyl ethyl ketone		<10	<10	<10	1		µg/L	WA	0
		Methyl isobutyl ketone		<10	<10	<10	1		µg/L	WA	0
		Nickel, total recoverable		<4.0	<4.0	<4.0	1		µg/L	WA	0
		Nitrate as nitrogen		285	251	344	1		µg/L	WA	0
		Nonvolatile beta		2.4E+00	1.8E+00	1.7E+00	1	J	pCi/L	GP	0
•		pH		6.4	5.1	5.0	1	J	pH	WA	0
		Phenols		<5.0	<5.0	<5.0	1		µg/L	WA	0
		Potassium, total recoverable		549	<500	<500	1		µg/L	WA	0
		Propionitrile		<50	<50	<50	1		µg/L	WA	0
		Radium, total alpha-emitting				8.0E-01	1	J	pCi/L	GP	0
		Radium-226		2.3E-01	5.2E-01				pCi/L		
		Radium-228		5.0E-01	1.2E+00				pCi/L		
		Selenium, total recoverable		<2.0	<2.0	<2.0	1		µg/L	WA	0
		Silica, dissolved		8,970	8,470	9,860	2.1		µg/L	WA	0
		Silica, total recoverable		9,080	8,590	10,800	2.1		µg/L	WA	0
		Silver, total recoverable		<2.0	<2.0	<2.0	1		µg/L	WA	0
		Sodium, total recoverable		3,120	2,790	3,930	1		µg/L	WA	0
		Specific conductance		25	26	35	1		µS/cm	WA	0
		Styrene		<5.0	<5.0	<5.0	1		µg/L	WA	0
		Sulfate		<1,000	<1,000	<1,000	1		µg/L	WA	0
		1,1,1,2-Tetrachloroethane		<10	<10	<10	1		µg/L	WA	0
		1,1,2,2-Tetrachloroethane		<5.0	<5.0	<5.0	1		µg/L	WA	0
■		Tetrachloroethylene		14	12	9.2	1		µg/L	WA	2
		Toluene		<5.0	<5.0	<5.0	1		µg/L	WA	0
		Total activity			7.4E+03				pCi/L		
		Total dissolved solids		33,000	26,000	31,000	1		µg/L	WA	0
		Total organic carbon		<1,000	<1,000	1,500	1		µg/L	WA	0
		Total organic halogens		319	306	501	6.66		µg/L	WA	2
		Total phosphates (as P)		<50	<50	968	5		µg/L	WA	0
		Total suspended solids		<1,000	<1,000	<1,000	1		µg/L	GE	0
		Toxaphene		<1.1	<1.1	<1.1	1.09		µg/L	WA	0
		2,4,5-TP (Silvex)		<0.55	<0.56	<0.56	1.11		µg/L	WA	0
		1,1,1-Trichloroethane		30	28	29	1		µg/L	WA	0
		1,1,2-Trichloroethane		<5.0	<5.0	<5.0	1		µg/L	WA	0
■		Trichloroethylene		35	36	34	1		µg/L	WA	2
		Trichlorofluoromethane		51	54	64	1		µg/L	WA	2
		1,2,3-Trichloropropane		<10	<10	<10	1		µg/L	WA	0
		Tritium		8.3E+00	8.3E+00	7.7E+00	1		pCi/mL	GP	0
		Vanadium, total recoverable		<3.0	<3.0	<3.0	1		µg/L	WA	0
		Vinyl acetate		<10	<10	<10	1		µg/L	WA	0
		Xylenes		<5.0	<5.0	14	1		µg/L	WA	0

Note: Flagging, dilution factors, modifiers, and laboratories are for fourth quarter 1994 data only. See Appendix B for flagging criteria.

• = exceeded holding time for fourth quarter 1994.

■ = exceeded screening level or final PDWS for fourth quarter 1994.

WELL LFW 67B

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

SAMPLE DATE	03/28/94	06/07/94	09/14/94

FIELD DATA

Analyte	1Q94	2Q94	3Q94	4Q94	Unit
Water elevation		139.5	138.6	138.1	ft msl
Depth to water		18.3	19.1	19.6	ft
pH		4.1	3.9	4.1	pH
Sp. conductance		65	81	71	µS/cm
Water temperature		19.3	19.7	19.9	°C
Alkalinity as CaCO ₃		0	0	0	mg/L
Turbidity		4	0	0	NTU
Volume purged		2.6	2.9	3.6	well vol.
Sampling code					

ANALYTICAL DATA

H	ST	Analyte	1Q94	2Q94	3Q94	4Q94	DF	Mod	Unit	Lab	Flag
		Acetone	<10	<10	<110		1	J	µg/L	WA	0
		Acetonitrile (Methyl cyanide)	<20	<20	<20		1		µg/L	WA	0
		Acrolein	<10	<10	<10		1		µg/L	WA	0
		Acrylonitrile	<10	<10	<10		1		µg/L	WA	0
		Allyl chloride	<20	<20	<20		1		µg/L	WA	0
		Aluminum, total recoverable	165	221	288		1		µg/L	WA	2
		Arsenic, total recoverable	<2.0	<2.0	<2.0		1		µg/L	WA	0
		Barium, total recoverable	14	8.0	6.2		1		µg/L	WA	0
		Benzene	<5.0	<5.0	<5.0		1		µg/L	WA	0
		Boron, total recoverable	<30	<52	<30		1		µg/L	GE	0
		Bromodichloromethane	<5.0	<5.0	<5.0		1		µg/L	WA	0
		Bromoform	<5.0	<5.0	<5.0		1		µg/L	WA	0
		Bromomethane (Methyl bromide)	<10	<10	<10		1		µg/L	WA	0
		Cadmium, total recoverable	<2.0	<2.0	<2.0		1		µg/L	WA	0
		Calcium, total recoverable	2,030	1,520	1,300		1		µg/L	WA	0
		Carbon disulfide	<5.0	<5.0	<5.0		1		µg/L	WA	0
		Carbon tetrachloride	<5.0	<5.0	<5.0		1		µg/L	WA	0
		Chloride	1,720	1,750	1,780		1		µg/L	WA	0
		Chlorobenzene	<5.0	<5.0	<5.0		1		µg/L	WA	0
		Chloroethane	<10	<10	<10		1		µg/L	WA	0
		Chloroethene (Vinyl chloride)	<10	<10	<10		1		µg/L	WA	0
		Chloroform	<5.0	<5.0	<5.0		1		µg/L	WA	0
		Chloromethane (Methyl chloride)	<10	<10	5.7		1	J	µg/L	WA	1
		Chloroprene	<100	<100	<100		1		µg/L	WA	0
		Chromium, total recoverable	<4.0	<4.0	<4.0		1		µg/L	WA	0
		Copper, total recoverable	11	<4.0	<4.0		1		µg/L	WA	0
		Dibromochloromethane	<5.0	<5.0	<5.0		1		µg/L	WA	0
		1,2-Dibromo-3-chloropropane	<20	<20	<20		1		µg/L	WA	0
		1,2-Dibromoethane	<20	<20	<20		1		µg/L	WA	0
		Dibromomethane	<10	<10	<10		1		µg/L	WA	0
		trans-1,4-Dichloro-2-butene	<100	<100	<100		1		µg/L	WA	0
		Dichlorodifluoromethane	<10	<10	<10		1		µg/L	WA	0
		1,1-Dichloroethane	<5.0	<5.0	<5.0		1		µg/L	WA	0
		1,2-Dichloroethane	<5.0	<5.0	<5.0		1		µg/L	WA	0
		1,1-Dichloroethylene	<5.0	<5.0	<5.0		1		µg/L	WA	0
		1,2-Dichloroethylene	<5.0	<5.0	<5.0		1		µg/L	WA	0
		Dichloromethane	<5.0	<5.0	<5.0		1		µg/L	WA	0
		2,4-Dichlorophenoxyacetic acid	<1.1	<1.1	<1.1		1.11		µg/L	WA	0
		1,2-Dichloropropane	<5.0	<5.0	<5.0		1		µg/L	WA	0

Note: Flagging, dilution factors, modifiers, and laboratories are for fourth quarter 1994 data only. See Appendix B for flagging criteria.

● = exceeded holding time for fourth quarter 1994.

■ = exceeded screening level or final PDWS for fourth quarter 1994.

Well LFW 67B continued

ANALYTICAL DATA

H	ST	Analyte	1Q94	2Q94	3Q94	4Q94	DF	Mod	Unit	Lab	Flag
		cis-1,3-Dichloropropene		<5.0	<5.0	<5.0	1		µg/L	WA	0
		trans-1,3-Dichloropropene		<5.0	<5.0	<5.0	1		µg/L	WA	0
		Endrin		<0.10	<0.11	<0.11	1.06		µg/L	WA	0
		Ethylbenzene		<5.0	<5.0	<5.0	1		µg/L	WA	0
		Fluoride		<100	<100	<100	1		µg/L	WA	0
		Gross alpha		5.3E+00	7.9E+00	5.5E+00	1		pCi/L	GP	0
		2-Hexanone		<10	<10	<10	1		µg/L	WA	0
		Iodomethane (Methyl iodide)		<10	<10	<10	1		µg/L	WA	0
		Iron, total recoverable		193	49	13	1		µg/L	WA	0
		Isobutyl alcohol		<20	<20	<20	1		µg/L	WA	0
		Lead, total recoverable		7.3	<3.0	<3.0	1		µg/L	WA	0
		Lindane		<0.052	<0.055	<0.053	1.06		µg/L	WA	0
		Lithium, total recoverable		5.0	<5.0	<5.0	1		µg/L	WA	0
		Magnesium, total recoverable		568	451	387	1		µg/L	WA	0
		Manganese, total recoverable		24	13	9.1	1		µg/L	WA	0
		Mercury, total recoverable		<0.20	<0.20	<0.20	1		µg/L	WA	0
		Methacrylonitrile		<20	<20	<20	1		µg/L	WA	0
		Methoxychlor		<0.52	<0.55	<0.53	1.06		µg/L	WA	0
		Methyl ethyl ketone		<10	<10	<10	1		µg/L	WA	0
		Methyl isobutyl ketone		<10	<10	<10	1		µg/L	WA	0
		Nickel, total recoverable		12	8.5	<4.0	1		µg/L	WA	0
		Nitrate as nitrogen		654	546	593	1		µg/L	WA	0
		Nonvolatile beta		5.8E+00	4.2E+00	3.1E+00	1	J	pCi/L	GP	0
		pH		4.8	4.1	4.2	1	J	pH	WA	0
		Phenols		<5.0	<5.0	<5.0	1		µg/L	WA	0
		Potassium, total recoverable		562	566	<500	1		µg/L	WA	0
		Propionitrile		<50	<50	<50	1		µg/L	WA	0
		Radium, total alpha-emitting				4.8E+00	1		pCi/L	GP	0
		Radium-226		1.3E+00	8.1E-01				pCi/L		
		Radium-228		4.3E+00	8.0E-01				pCi/L		
		Selenium, total recoverable		<2.0	<2.0	<2.0	1		µg/L	WA	0
		Silica, dissolved		9,730	10,300	10,500	2.1		µg/L	WA	0
		Silica, total recoverable		10,500	10,100	10,000	2.1		µg/L	WA	0
		Silver, total recoverable		2.0	<2.0	<2.0	1		µg/L	WA	0
		Sodium, total recoverable		1,900	1,540	1,340	1		µg/L	WA	0
		Specific conductance		47	63	56	1		µS/cm	WA	0
		Styrene		<5.0	<5.0	<5.0	1		µg/L	WA	0
		Sulfate		10,300	10,000	9,170	1		µg/L	WA	0
		1,1,1,2-Tetrachloroethane		<10	<10	<10	1		µg/L	WA	0
		1,1,2,2-Tetrachloroethane		<5.0	<5.0	<5.0	1		µg/L	WA	0
		Tetrachloroethylene		<5.0	<5.0	<5.0	1		µg/L	WA	0
		Toluene		<5.0	<5.0	<5.0	1		µg/L	WA	0
		Total activity			1.8E+03				pCi/L		
		Total dissolved solids		49,000	26,000	12,000	1		µg/L	WA	0
		Total organic carbon		<1,000	<1,000	<1,000	1		µg/L	WA	0
		Total organic halogens		<5.0	<5.0	<5.0	1		µg/L	WA	0
		Total phosphates (as P)		<50	<50	580	2		µg/L	WA	0
		Total suspended solids		3,000	<1,000	<1,000	1		µg/L	GE	0
		Toxaphene		<1.0	<1.1	<1.1	1.06		µg/L	WA	0
		2,4,5-TP (Silvex)		<0.56	<0.56	<0.56	1.11		µg/L	WA	0
		1,1,1-Trichloroethane		<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,1,2-Trichloroethane		<5.0	<5.0	<5.0	1		µg/L	WA	0
		Trichloroethylene		<5.0	<5.0	<5.0	1		µg/L	WA	0
		Trichlorofluoromethane		<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,2,3-Trichloropropane		<10	<10	<10	1		µg/L	WA	0
		Tritium		5.3E-01	5.4E-01	9.4E-01	1	J	pCi/mL	GP	0
		Vanadium, total recoverable		<3.0	<3.0	<3.0	1		µg/L	WA	0
		Vinyl acetate		<10	<10	<10	1		µg/L	WA	0
		Xylenes		<5.0	<5.0	<5.0	1		µg/L	WA	0

Note: Flagging, dilution factors, modifiers, and laboratories are for fourth quarter 1994 data only. See Appendix B for flagging criteria.

● = exceeded holding time for fourth quarter 1994.

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WELL LFW 67C

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

SAMPLE DATE	03/28/94	06/07/94	09/14/94
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FIELD DATA

Analyte	1Q94	2Q94	3Q94	4Q94	Unit
Water elevation		139.2	138.0	137.4	ft msl
Depth to water		17.9	19.1	19.7	ft
pH		4.9	4.8	4.9	pH
Sp. conductance		67	79	82	µS/cm
Water temperature		19.5	19.9	19.9	°C
Alkalinity as CaCO ₃		1	0	0	mg/L
Turbidity		2	0	0	NTU
Volume purged		2.9	6.8	9.4	well vol.
Sampling code					

ANALYTICAL DATA

H	ST	Analyte	1Q94	2Q94	3Q94	4Q94	DF	Mod	Unit	Lab	Flag
		Acetone	<10	<10	<170	<170	1	J	µg/L	WA	0
		Acetonitrile (Methyl cyanide)	<20	<20	<20	<20	1		µg/L	WA	0
		Acrolein	<10	<10	<10	<10	1		µg/L	WA	0
		Acrylonitrile	<10	<10	<10	<10	1		µg/L	WA	0
		Allyl chloride	<20	<20	<20	<20	1		µg/L	WA	0
		Aluminum, total recoverable	109	30	<101	<101	1	J	µg/L	WA	0
		Arsenic, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Barium, total recoverable	11	10	9.8	9.8	1		µg/L	WA	0
		Benzene	1.2	1.2	1.7	1.7	1	J	µg/L	WA	0
		Boron, total recoverable	<30	<52	<30	<30	1		µg/L	GE	0
		Bromodichloromethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Bromoform	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Bromomethane (Methyl bromide)	<10	<10	<10	<10	1		µg/L	WA	0
		Cadmium, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Calcium, total recoverable	930	857	820	820	1		µg/L	WA	0
		Carbon disulfide	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Carbon tetrachloride	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Chloride	10,700	12,800	15,000	15,000	1		µg/L	WA	0
		Chlorobenzene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Chloroethane	<10	<10	<10	<10	1		µg/L	WA	0
		Chloroethene (Vinyl chloride)	<10	<10	<10	<10	1		µg/L	WA	0
		Chloroform	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Chloromethane (Methyl chloride)	<10	<10	<10	<10	1		µg/L	WA	0
		Chloroprene	<100	<100	<100	<100	1		µg/L	WA	0
		Chromium, total recoverable	<4.0	<4.0	<4.0	<4.0	1		µg/L	WA	0
		Copper, total recoverable	<4.0	5.5	<4.0	<4.0	1		µg/L	WA	0
		Dibromochloromethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,2-Dibromo-3-chloropropane	<20	<20	<20	<20	1		µg/L	WA	0
		1,2-Dibromoethane	<20	<20	<20	<20	1		µg/L	WA	0
		Dibromomethane	<10	<10	<10	<10	1		µg/L	WA	0
		trans-1,4-Dichloro-2-butene	<100	<100	<100	<100	1		µg/L	WA	0
		Dichlorodifluoromethane	40	39	26	26	1		µg/L	WA	2
		1,1-Dichloroethane	42	45	53	53	1		µg/L	WA	2
		1,2-Dichloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,1-Dichloroethylene	4.9	4.6	5.3	5.3	1		µg/L	WA	1
		1,2-Dichloroethylene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
■		Dichloromethane	124	124	152	152	1		µg/L	WA	2
		2,4-Dichlorophenoxyacetic acid	<1.1	<1.1	<1.1	<1.1	1.11		µg/L	WA	0
		1,2-Dichloropropane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0

Note: Flagging, dilution factors, modifiers, and laboratories are for fourth quarter 1994 data only. See Appendix B for flagging criteria.

● = exceeded holding time for fourth quarter 1994.

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Well LFW 67C continued

ANALYTICAL DATA

H	ST	Analyte	1Q94	2Q94	3Q94	4Q94	DF	Mod	Unit	Lab	Flag
		cis-1,3-Dichloropropene		<5.0	<5.0	<5.0	1		µg/L	WA	0
		trans-1,3-Dichloropropene		<5.0	<5.0	<5.0	1		µg/L	WA	0
		Endrin		<0.11		<0.11	1.08		µg/L	WA	0
		Ethylbenzene		<5.0	<5.0	<5.0	1		µg/L	WA	0
		Fluoride		<100	<100	<100	1		µg/L	WA	0
		Gross alpha		4.3E+00	6.2E+00	3.9E+00	1		pCi/L	GP	0
		2-Hexanone		<10	<10	<10	1		µg/L	WA	0
		Iodomethane (Methyl iodide)		<10	<10	<10	1		µg/L	WA	0
		Iron, total recoverable		71	16	39	1		µg/L	WA	0
		Isobutyl alcohol		<20	<20	<20	1		µg/L	WA	0
		Lead, total recoverable		<3.0	13	<3.0	1		µg/L	WA	0
		Lindane		<0.053		<0.054	1.08		µg/L	WA	0
		Lithium, total recoverable		<5.0	<5.0	<5.0	1		µg/L	WA	0
		Magnesium, total recoverable		918	1,010	982	1		µg/L	WA	0
		Manganese, total recoverable		6.8	4.5	4.0	1		µg/L	WA	0
		Mercury, total recoverable		0.29	0.46	0.70	1		µg/L	WA	0
		Methacrylonitrile		<20	<20	<20	1		µg/L	WA	0
		Methoxychlor		<0.53	<0.52	<0.54	1.08		µg/L	WA	0
		Methyl ethyl ketone		<10	<10	<10	1		µg/L	WA	0
		Methyl isobutyl ketone		<10	<10	<10	1		µg/L	WA	0
		Nickel, total recoverable		<4.0	<4.0	<4.0	1		µg/L	WA	0
		Nitrate as nitrogen		116	99	43	1		µg/L	WA	0
		Nonvolatile beta		1.6E+00	3.2E+00	2.0E+00	1	J	pCi/L	GP	0
●		pH		4.9	4.8	5.0	1	J	pH	WA	0
		Phenols		<5.0	<5.0	<5.0	1		µg/L	WA	0
		Potassium, total recoverable		<500	505	<500	1		µg/L	WA	0
		Propionitrile		<50	<50	<50	1		µg/L	WA	0
		Radium, total alpha-emitting				3.6E+00	1		pCi/L	GP	0
		Radium-226		2.2E+00	2.1E+00				pCi/L		
		Radium-228		7.0E-01	1.9E+00				pCi/L		
		Selenium, total recoverable		<2.0	<2.0	<2.0	1		µg/L	WA	0
		Silica, dissolved		8,800	9,910	10,500	2.1		µg/L	WA	0
		Silica, total recoverable		9,310	9,210	10,000	2.1		µg/L	WA	0
		Silver, total recoverable		<2.0	<2.0	<2.0	1		µg/L	WA	0
		Sodium, total recoverable		7,850	8,120	8,940	1		µg/L	WA	0
		Specific conductance		50	59	65	1		µS/cm	WA	0
		Styrene		<5.0	<5.0	<5.0	1		µg/L	WA	0
		Sulfate		1,170	<1,000	<1,000	1		µg/L	WA	0
		1,1,1,2-Tetrachloroethane		<10	<10	<10	1		µg/L	WA	0
		1,1,2,2-Tetrachloroethane		<5.0	<5.0	<5.0	1		µg/L	WA	0
■		Tetrachloroethylene		57	66	58	1		µg/L	WA	2
		Toluene		<5.0	<5.0	<5.0	1		µg/L	WA	0
		Total activity			1.4E+04				pCi/L		
		Total dissolved solids		38,000	28,000	28,000	1		µg/L	WA	0
		Total organic carbon		1,220	1,500	2,000	1		µg/L	WA	0
		Total organic halogens		616	458	5.7	1		µg/L	WA	0
		Total phosphates (as P)		<50	<50	1,410	5		µg/L	WA	0
		Total suspended solids		<1,000	3,000	<1,000	1		µg/L	GE	0
		Toxaphene		<1.1		<1.1	1.08		µg/L	WA	0
		2,4,5-TP (Silvex)		<0.54	<0.56	<0.56	1.11		µg/L	WA	0
		1,1,1-Trichloroethane		4.9	4.2	4.4	1	J	µg/L	WA	0
		1,1,2-Trichloroethane		<5.0	<5.0	<5.0	1		µg/L	WA	0
■		Trichloroethylene		22	21	23	1		µg/L	WA	2
		Trichlorofluoromethane		68	71	76	1		µg/L	WA	2
		1,2,3-Trichloropropane		<10	<10	<10	1		µg/L	WA	0
		Tritium		1.4E+01	1.5E+01	1.3E+01	1		pCi/mL	GP	1
		Vanadium, total recoverable		<3.0	<3.0	<3.0	1		µg/L	WA	0
		Vinyl acetate		<10	<10	<10	1		µg/L	WA	0
		Xylenes		18	18	28	1		µg/L	WA	0

Note: Flagging, dilution factors, modifiers, and laboratories are for fourth quarter 1994 data only. See Appendix B for flagging criteria.

● = exceeded holding time for fourth quarter 1994.

■ = exceeded screening level or final PDWS for fourth quarter 1994.

WELL LFW 67D

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

SAMPLE DATE	03/28/94	06/07/94	09/14/94
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FIELD DATA

Analyte	1Q94	2Q94	3Q94	4Q94	Unit
Water elevation	142.7	140.0	139.6	139.6	ft msl
Depth to water	15.0	17.7	18.2	18.2	ft
pH	4.8	4.7	4.7	4.7	pH
Sp. conductance	33	48	50	50	µS/cm
Water temperature	17.1	18.5	19.4	19.4	°C
Alkalinity as CaCO ₃	0	0	0	0	mg/L
Turbidity	2	1	0	0	NTU
Volume purged	5.0	10.1	12.9	12.9	well vol.
Sampling code					

ANALYTICAL DATA

H	ST	Analyte	1Q94	2Q94	3Q94	4Q94	DF	Mod	Unit	Lab	Flag
		Acetone	7.1	<10	<10	<10	1		µg/L	WA	0
		Acetonitrile (Methyl cyanide)	<20	<20	<20	<20	1		µg/L	WA	0
		Acrolein	<10	<10	<10	<10	1		µg/L	WA	0
		Acrylonitrile	<10	<10	<10	<10	1		µg/L	WA	0
		Allyl chloride	<20	<20	<20	<20	1		µg/L	WA	0
		Aluminum, total recoverable	49	52	<101	<101	1	J	µg/L	WA	0
		Arsenic, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Barium, total recoverable	6.7	8.2	7.5	7.5	1		µg/L	WA	0
		Benzene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Boron, total recoverable	<30	<52	<30	<30	1		µg/L	GE	0
		Bromodichloromethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Bromoform	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Bromomethane (Methyl bromide)	<10	<10	8.4	8.4	1	J	µg/L	WA	1
		Cadmium, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Calcium, total recoverable	732	1,030	940	940	1		µg/L	WA	0
		Carbon disulfide	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Carbon tetrachloride	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Chloride	3,920	5,790	8,070	8,070	1		µg/L	WA	0
		Chlorobenzene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Chloroethane	<10	<10	2.0	2.0	1	J	µg/L	WA	0
		Chloroethene (Vinyl chloride)	<10	<10	<10	<10	1		µg/L	WA	0
		Chloroform	<5.0	1.1	<5.0	<5.0	1		µg/L	WA	0
		Chloromethane (Methyl chloride)	<10	<10	1.1	1.1	1	J	µg/L	WA	0
		Chloroprene	<100	<100	<100	<100	1		µg/L	WA	0
		Chromium, total recoverable	<4.0	<4.0	<4.0	<4.0	1		µg/L	WA	0
		Copper, total recoverable	<4.0	<4.0	<4.0	<4.0	1		µg/L	WA	0
		Dibromochloromethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,2-Dibromo-3-chloropropane	<20	<20	<20	<20	1		µg/L	WA	0
		1,2-Dibromoethane	<20	<20	<20	<20	1		µg/L	WA	0
		Dibromomethane	<10	<10	<10	<10	1		µg/L	WA	0
		trans-1,4-Dichloro-2-butene	<100	<100	<100	<100	1		µg/L	WA	0
		Dichlorodifluoromethane	19	37	45	45	1		µg/L	WA	2
		1,1-Dichloroethane	31	63	48	48	1		µg/L	WA	2
		1,2-Dichloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
■		1,1-Dichloroethylene	7.0	9.4	8.3	8.3	1		µg/L	WA	2
		1,2-Dichloroethylene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
■		Dichloromethane	14	69	40	40	1		µg/L	WA	2
		2,4-Dichlorophenoxyacetic acid	<1.1	<1.1	<1.1	<1.1	1.09		µg/L	WA	0
		1,2-Dichloropropane	<5.0	1.5	1.2	1.2	1	J	µg/L	WA	0

Note: Flagging, dilution factors, modifiers, and laboratories are for fourth quarter 1994 data only. See Appendix B for flagging criteria.

● = exceeded holding time for fourth quarter 1994.

■ = exceeded screening level or final PDWS for fourth quarter 1994.

Well LFW 67D continued

ANALYTICAL DATA

H	ST	Analyte	1Q94	2Q94	3Q94	4Q94	DF	Mod	Unit	Lab	Flag
		cis-1,3-Dichloropropene		<5.0	<5.0	<5.0	1		µg/L	WA	0
		trans-1,3-Dichloropropene		<5.0	<5.0	<5.0	1		µg/L	WA	0
		Endrin		<0.10	<0.11	<0.11	1.1		µg/L	WA	0
		Ethylbenzene		<5.0	2.9	<5.0	1		µg/L	WA	0
		Fluoride		<100	<100	<100	1		µg/L	WA	0
		Gross alpha		3.5E+00	4.5E+00	3.8E+00	1		pCi/L	GP	0
		2-Hexanone		<10	<10	<10	1		µg/L	WA	0
		Iodomethane (Methyl iodide)		<10	<10	<10	1		µg/L	WA	0
		Iron, total recoverable		17	16	21	1		µg/L	WA	0
		Isobutyl alcohol		<20	<20	<20	1		µg/L	WA	0
		Lead, total recoverable		5.2	<3.0	<3.0	1		µg/L	WA	0
		Lindane		<0.052	<0.055	<0.055	1.1		µg/L	WA	0
		Lithium, total recoverable		<5.0	<5.0	<5.0	1		µg/L	WA	0
		Magnesium, total recoverable		904	1,340	1,240	1		µg/L	WA	0
		Manganese, total recoverable		2.6	<2.0	<2.0	1		µg/L	WA	0
		Mercury, total recoverable		<0.20	<0.20	<0.20	1		µg/L	WA	0
		Methacrylonitrile		<20	<20	<20	1		µg/L	WA	0
		Methoxychlor		<0.52	<0.55	<0.55	1.1		µg/L	WA	0
		Methyl ethyl ketone		<10	<10	<10	1		µg/L	WA	0
		Methyl isobutyl ketone		<10	100	5.0	1	J	µg/L	WA	0
		Nickel, total recoverable		<4.0	<4.0	<4.0	1		µg/L	WA	0
		Nitrate as nitrogen		96	77	77	1		µg/L	WA	0
		Nonvolatile beta		3.9E+00	3.8E+00	3.1E+00	1	J	pCi/L	GP	0
•		pH		4.9	4.8	4.9	1	J	pH	WA	0
		Phenols		<5.0	<5.0	<5.0	1		µg/L	WA	0
		Potassium, total recoverable		521	604	<500	1		µg/L	WA	0
		Propionitrile		<50	<50	<50	1		µg/L	WA	0
		Radium, total alpha-emitting				2.3E+00	1		pCi/L	GP	0
		Radium-226		1.0E+00	1.9E+00				pCi/L		
		Radium-228		1.2E+00	1.3E+00				pCi/L		
		Selenium, total recoverable		<2.0	<2.0	<2.0	1		µg/L	WA	0
		Silica, dissolved		7,620	8,630	8,270	2.1		µg/L	WA	0
		Silica, total recoverable		7,690	8,340	8,250	2.1		µg/L	WA	0
		Silver, total recoverable		<2.0	<2.0	<2.0	1		µg/L	WA	0
		Sodium, total recoverable		2,070	2,630	2,890	1		µg/L	WA	0
		Specific conductance		24	35	39	1		µS/cm	WA	0
		Styrene		<5.0	<5.0	<5.0	1		µg/L	WA	0
		Sulfate		<1,000	<1,000	<1,000	1		µg/L	WA	0
		1,1,1,2-Tetrachloroethane		<10	<10	<10	1		µg/L	WA	0
		1,1,2,2-Tetrachloroethane		<5.0	<5.0	<5.0	1		µg/L	WA	0
■		Tetrachloroethylene		14	18	11	1		µg/L	WA	2
		Toluene		<5.0	1.1	<5.0	1		µg/L	WA	0
		Total activity			1.0E+04				pCi/L		
		Total dissolved solids		39,000	25,000	37,000	1		µg/L	WA	0
		Total organic carbon		<1,000	1,600	<1,000	1		µg/L	WA	0
		Total organic halogens		234	676	491	10		µg/L	WA	2
		Total phosphates (as P)		<50	<50	1,880	10		µg/L	WA	0
		Total suspended solids		<1,000	<1,000	<1,000	1		µg/L	GE	0
		Toxaphene		<1.0	<1.1	<1.1	1.1		µg/L	WA	0
		2,4,5-TP (Silvex)		<0.56	<0.55	<0.55	1.09		µg/L	WA	0
		1,1,1-Trichloroethane		32	53	54	1		µg/L	WA	0
		1,1,2-Trichloroethane		<5.0	<5.0	<5.0	1		µg/L	WA	0
■		Trichloroethylene		13	21	17	1		µg/L	WA	2
		Trichlorofluoromethane		133	153	185	1		µg/L	WA	2
		1,2,3-Trichloropropane		<10	<10	<10	1		µg/L	WA	0
■		Tritium		3.1E+00	8.3E+00	3.6E+01	1		pCi/mL	GP	2
		Vanadium, total recoverable		<3.0	<3.0	<3.0	1		µg/L	WA	0
		Vinyl acetate		<10	<10	<10	1		µg/L	WA	0
		Xylenes		<5.0	19	1.1	1	J	µg/L	WA	0

Note: Flagging, dilution factors, modifiers, and laboratories are for fourth quarter 1994 data only. See Appendix B for flagging criteria.

• = exceeded holding time for fourth quarter 1994.

■ = exceeded screening level or final PDWS for fourth quarter 1994.

WELL LFW 68B

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

SAMPLE DATE	03/28/94	06/09/94	09/14/94
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FIELD DATA

Analyte	1Q94	2Q94	3Q94	4Q94	Unit
Water elevation	140.4	139.4	139.1	139.1	ft msl
Depth to water	20.1	21.1	21.4	21.4	ft
pH	4.7	4.4	4.4	4.4	pH
Sp. conductance	45	51	51	51	µS/cm
Water temperature	19.1	19.6	19.4	19.4	°C
Alkalinity as CaCO ₃	0	0	0	0	mg/L
Turbidity	8	0	0	0	NTU
Volume purged	2.8	2.7	7.1	7.1	well vol.
Sampling code					

ANALYTICAL DATA

H	ST	Analyte	1Q94	2Q94	3Q94	4Q94	DF	Mod	Unit	Lab	Flag
		Acetone	5.5	<10	<10	<10	1		µg/L	WA	0
		Acetonitrile (Methyl cyanide)	<20	<20	<20	<20	1		µg/L	WA	0
		Acrolein	<10	<10	<10	<10	1		µg/L	WA	0
		Acrylonitrile	<10	<10	<10	<10	1		µg/L	WA	0
		Allyl chloride	<20	<20	<20	<20	1		µg/L	WA	0
		Aluminum, total recoverable	386	194	181	181	1		µg/L	WA	2
		Arsenic, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Barium, total recoverable	12	9.2	7.8	7.8	1		µg/L	WA	0
		Benzene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Boron, total recoverable	<30	<30	<30	<30	1		µg/L	GE	0
		Bromodichloromethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Bromoform	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Bromomethane (Methyl bromide)	<10	<10	<10	<10	1		µg/L	WA	0
		Cadmium, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Calcium, total recoverable	1,550	1,320	1,210	1,210	1		µg/L	WA	0
		Carbon disulfide	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Carbon tetrachloride	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Chloride	1,740	1,790	1,840	1,840	1		µg/L	WA	0
		Chlorobenzene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Chloroethane	<10	<10	<10	<10	1		µg/L	WA	0
		Chloroethene (Vinyl chloride)	<10	<10	<10	<10	1		µg/L	WA	0
		Chloroform	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Chloromethane (Methyl chloride)	<10	<10	<10	<10	1		µg/L	WA	0
		Chloroprene	<100	<100	<100	<100	1		µg/L	WA	0
		Chromium, total recoverable	<4.0	<4.0	<4.0	<4.0	1		µg/L	WA	0
		Copper, total recoverable	5.9	7.1	6.3	6.3	1		µg/L	WA	0
		Dibromochloromethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,2-Dibromo-3-chloropropane	<20	<20	<20	<20	1		µg/L	WA	0
		1,2-Dibromoethane	<20	<20	<20	<20	1		µg/L	WA	0
		Dibromomethane	<10	<10	<10	<10	1		µg/L	WA	0
		trans-1,4-Dichloro-2-butene	<100	<100	<100	<100	1		µg/L	WA	0
		Dichlorodifluoromethane	<10	<10	<10	<10	1		µg/L	WA	0
		1,1-Dichloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,2-Dichloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,1-Dichloroethylene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,2-Dichloroethylene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Dichloromethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		2,4-Dichlorophenoxyacetic acid	<1.1	<1.1	<1.1	<1.1	1.11		µg/L	WA	0
		1,2-Dichloropropane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0

Note: Flagging, dilution factors, modifiers, and laboratories are for fourth quarter 1994 data only. See Appendix B for flagging criteria.

● = exceeded holding time for fourth quarter 1994.

■ = exceeded screening level or final PDWS for fourth quarter 1994.

Well LFW 68B continued

ANALYTICAL DATA

H	ST	Analyte	1Q94	2Q94	3Q94	4Q94	DF	Mod	Unit	Lab	Flag
		cis-1,3-Dichloropropene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		trans-1,3-Dichloropropene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Endrin	<0.10	<0.11	<0.11	<0.11	1.05		µg/L	WA	0
		Ethylbenzene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Fluoride	<100	<100	<100	<100	1		µg/L	WA	0
		Gross alpha	5.7E+00	8.9E+00	6.0E+00	6.0E+00	1		pCi/L	GP	0
		2-Hexanone	<10	<10	<10	<10	1		µg/L	WA	0
		Iodomethane (Methyl iodide)	<10	<10	<10	<10	1		µg/L	WA	0
		Iron, total recoverable	197	18	8.5	8.5	1		µg/L	WA	0
		Isobutyl alcohol	<20	<20	<20	<20	1		µg/L	WA	0
		Lead, total recoverable	<3.0	<3.0	<3.0	<3.0	1		µg/L	WA	0
		Lindane	<0.052	<0.055	<0.052	<0.052	1.05		µg/L	WA	0
		Lithium, total recoverable	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Magnesium, total recoverable	587	525	474	474	1		µg/L	WA	0
		Manganese, total recoverable	23	17	13	13	1		µg/L	WA	0
		Mercury, total recoverable	<0.20	<0.20	<0.20	<0.20	1		µg/L	WA	0
		Methacrylonitrile	<20	<20	<20	<20	1		µg/L	WA	0
		Methoxychlor	<0.52	<0.55	<0.53	<0.53	1.05		µg/L	WA	0
		Methyl ethyl ketone	<10	<10	<10	<10	1		µg/L	WA	0
		Methyl isobutyl ketone	<10	<10	<10	<10	1		µg/L	WA	0
		Nickel, total recoverable	8.3	6.5	4.3	4.3	1		µg/L	WA	0
		Nitrate as nitrogen	633	584	594	594	1		µg/L	WA	0
		Nonvolatile beta	5.8E+00	5.7E+00	3.0E+00	3.0E+00	1	J	pCi/L	GP	0
		pH	4.9	4.2	4.5	4.5	1	J	pH	WA	0
		Phenols	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Potassium, total recoverable	<500	<500	<500	<500	1		µg/L	WA	0
		Propionitrile	<50	<50	<50	<50	1		µg/L	WA	0
		Radium, total alpha-emitting				4.6E+00	1		pCi/L	GP	0
		Radium-226	2.3E+00	3.3E+00					pCi/L		
		Radium-228	3.1E+00	1.0E+00					pCi/L		
		Selenium, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Silica, dissolved	9,580	9,850	10,700	10,700	2.1		µg/L	WA	0
		Silica, total recoverable	11,000	9,930	10,700	10,700	2.1		µg/L	WA	0
		Silver, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Sodium, total recoverable	3,360	1,880	1,540	1,540	1		µg/L	WA	0
		Specific conductance	33	41	40	40	1		µS/cm	WA	0
		Styrene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Sulfate	8,680	<1,000	7,210	7,210	1		µg/L	WA	0
		1,1,1,2-Tetrachloroethane	<10	<10	<10	<10	1		µg/L	WA	0
		1,1,2,2-Tetrachloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Tetrachloroethylene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Toluene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Total activity		2.5E+03					pCi/L		
		Total dissolved solids	45,000	38,000	20,000	20,000	1		µg/L	WA	0
		Total organic carbon	<1,000	<1,000	<1,000	<1,000	1		µg/L	WA	0
		Total organic halogens	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Total phosphates (as P)	<50	<50	1,520	1,520	5		µg/L	WA	0
		Total suspended solids	8,000	1,000	<1,000	<1,000	1		µg/L	GE	0
		Toxaphene	<1.0	<1.1	<1.1	<1.1	1.05		µg/L	WA	0
		2,4,5-TP (Silvex)	<0.56	<0.56	<0.56	<0.56	1.11		µg/L	WA	0
		1,1,1-Trichloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,1,2-Trichloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Trichloroethylene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Trichlorofluoromethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,2,3-Trichloropropane	<10	<10	<10	<10	1		µg/L	WA	0
		Tritium	2.2E-01	1.7E-01	3.1E-01	3.1E-01	1	UI	pCi/mL	GP	0
		Vanadium, total recoverable	<3.0	<3.0	<3.0	<3.0	1		µg/L	WA	0
		Vinyl acetate	<10	<10	<10	<10	1		µg/L	WA	0
		Xylenes	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0

Note: Flagging, dilution factors, modifiers, and laboratories are for fourth quarter 1994 data only. See Appendix B for flagging criteria.

● = exceeded holding time for fourth quarter 1994.

■ = exceeded screening level or final PDWS for fourth quarter 1994.

WELL LFW 68C

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

SAMPLE DATE	03/28/94	06/09/94	09/14/94
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FIELD DATA

Analyte	1Q94	2Q94	3Q94	4Q94	Unit
Water elevation		140.1	138.6	138.1	ft msl
Depth to water		21.0	22.5	23.0	ft
pH		5.0	4.9	5.0	pH
Sp. conductance		30	30	27	µS/cm
Water temperature		19.1	19.8	19.0	°C
Alkalinity as CaCO ₃		1	1	1	mg/L
Turbidity		3	2	1	NTU
Volume purged		2.8	4.6	5.0	well vol.
Sampling code					

ANALYTICAL DATA

H	ST	Analyte	1Q94	2Q94	3Q94	4Q94	DF	Mod	Unit	Lab	Flag
		Acetone		5.8	<10	<40	1	J	µg/L	WA	0
		Acetonitrile (Methyl cyanide)		<20	<20	<20	1		µg/L	WA	0
		Acrolein		<10	<10	<10	1		µg/L	WA	0
		Acrylonitrile		<10	<10	<10	1		µg/L	WA	0
		Allyl chloride		<20	<20	<20	1		µg/L	WA	0
		Aluminum, total recoverable		149	51	<101	1	J	µg/L	WA	0
		Arsenic, total recoverable		<2.0	<2.0	<2.0	1		µg/L	WA	0
		Barium, total recoverable		7.7	7.9	5.4	1		µg/L	WA	0
		Benzene		<5.0	<5.0	<5.0	1		µg/L	WA	0
		Boron, total recoverable		<30	<30	<30	1		µg/L	GE	0
		Bromodichloromethane		<5.0	<5.0	<5.0	1		µg/L	WA	0
		Bromoform		<5.0	<5.0	<5.0	1		µg/L	WA	0
		Bromomethane (Methyl bromide)		<10	<10	<10	1		µg/L	WA	0
		Cadmium, total recoverable		<2.0	<2.0	<2.0	1		µg/L	WA	0
		Calcium, total recoverable		828	656	587	1		µg/L	WA	0
		Carbon disulfide		<5.0	<5.0	<5.0	1		µg/L	WA	0
		Carbon tetrachloride		<5.0	<5.0	<5.0	1		µg/L	WA	0
		Chloride		2,210	2,320	2,360	1		µg/L	WA	0
		Chlorobenzene		<5.0	<5.0	<5.0	1		µg/L	WA	0
		Chloroethane		<10	<10	<10	1		µg/L	WA	0
		Chloroethene (Vinyl chloride)		<10	<10	<10	1		µg/L	WA	0
		Chloroform		<5.0	<5.0	<5.0	1		µg/L	WA	0
		Chloromethane (Methyl chloride)		<10	<10	9.2	1	J	µg/L	WA	1
		Chloroprene		<100	<100	<100	1		µg/L	WA	0
		Chromium, total recoverable		<4.0	<4.0	<4.0	1		µg/L	WA	0
		Copper, total recoverable		<4.0	<4.0	<4.0	1		µg/L	WA	0
		Dibromochloromethane		<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,2-Dibromo-3-chloropropane		<20	<20	<20	1		µg/L	WA	0
		1,2-Dibromoethane		<20	<20	<20	1		µg/L	WA	0
		Dibromomethane		<10	<10	<10	1		µg/L	WA	0
		trans-1,4-Dichloro-2-butene		<100	<100	<100	1		µg/L	WA	0
		Dichlorodifluoromethane		<10	1.3	2.5	1	J	µg/L	WA	0
		1,1-Dichloroethane		<5.0	<5.0	2.5	1	J	µg/L	WA	0
		1,2-Dichloroethane		<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,1-Dichloroethylene		<5.0	<5.0	1.2	1	J	µg/L	WA	0
		1,2-Dichloroethylene		<5.0	<5.0	<5.0	1		µg/L	WA	0
		Dichloromethane		<5.0	<5.0	<5.0	1		µg/L	WA	0
		2,4-Dichlorophenoxyacetic acid		<1.1	<1.1	<1.1	1.1		µg/L	WA	0
		1,2-Dichloropropane		<5.0	<5.0	<5.0	1		µg/L	WA	0

Note: Flagging, dilution factors, modifiers, and laboratories are for fourth quarter 1994 data only. See Appendix B for flagging criteria.

● = exceeded holding time for fourth quarter 1994.

■ = exceeded screening level or final PDWS for fourth quarter 1994.

Well LFW 68C continued

ANALYTICAL DATA

H	ST	Analyte	1Q94	2Q94	3Q94	4Q94	DF	Mod	Unit	Lab	Flag
		cis-1,3-Dichloropropene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		trans-1,3-Dichloropropene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Endrin	<0.11	<0.11	<0.11	<0.11	1.1		µg/L	WA	0
		Ethylbenzene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Fluoride	<100	<100	<100	<100	1		µg/L	WA	0
		Gross alpha	2.1E+00	1.9E+00	3.2E+00	3.2E+00	1	J	pCi/L	GP	0
		2-Hexanone	<10	<10	<10	<10	1		µg/L	WA	0
		Iodomethane (Methyl iodide)	<10	<10	<10	<10	1		µg/L	WA	0
		Iron, total recoverable	110	41	40	40	1	J	µg/L	WA	0
		Isobutyl alcohol	<20	<20	<20	<20	1		µg/L	WA	0
		Lead, total recoverable	<3.0	<3.0	<3.0	<3.0	1		µg/L	WA	0
		Lindane	<0.054	<0.053	<0.055	<0.055	1.1		µg/L	WA	0
		Lithium, total recoverable	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Magnesium, total recoverable	650	657	606	606	1		µg/L	WA	0
		Manganese, total recoverable	9.2	4.4	2.8	2.8	1		µg/L	WA	0
		Mercury, total recoverable	<0.20	<0.20	<0.20	<0.20	1		µg/L	WA	0
		Methacrylonitrile	<20	<20	<20	<20	1		µg/L	WA	0
		Methoxychlor	<0.54	<0.53	<0.55	<0.55	1.1		µg/L	WA	0
		Methyl ethyl ketone	<10	<10	<10	<10	1		µg/L	WA	0
		Methyl isobutyl ketone	<10	<10	<10	<10	1		µg/L	WA	0
		Nickel, total recoverable	<4.0	<4.0	<4.0	<4.0	1		µg/L	WA	0
		Nitrate as nitrogen	844	711	607	607	1		µg/L	WA	0
		Nonvolatile beta	2.4E+00	1.9E+00	2.6E+00	2.6E+00	1	J	pCi/L	GP	0
		pH	5.1	4.9	5.2	5.2	1	J	pH	WA	0
		Phenols	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Potassium, total recoverable	<500	<500	<500	<500	1		µg/L	WA	0
		Propionitrile	<50	<50	<50	<50	1		µg/L	WA	0
		Radium, total alpha-emitting			2.4E+00	2.4E+00	1		pCi/L	GP	0
		Radium-226	7.7E-01	2.1E+00					pCi/L		
		Radium-228	1.1E+00	8.0E-01					pCi/L		
		Selenium, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Silica, dissolved	6,180	6,480	7,460	7,460	2.1		µg/L	WA	0
		Silica, total recoverable	6,730	6,640	7,320	7,320	2.1	J	µg/L	WA	0
		Silver, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Sodium, total recoverable	2,120	1,600	1,530	1,530	1		µg/L	WA	0
		Specific conductance	22	24	21	21	1		µS/cm	WA	0
		Styrene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Sulfate	2,370	1,550	<1,000	<1,000	1		µg/L	WA	0
		1,1,1,2-Tetrachloroethane	<10	<10	<10	<10	1		µg/L	WA	0
		1,1,2,2-Tetrachloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Tetrachloroethylene	<5.0	<5.0	1.5	1.5	1	J	µg/L	WA	0
		Toluene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Total activity		1.4E+03					pCi/L		
		Total dissolved solids	21,000	18,000	5,000	5,000	1		µg/L	WA	0
		Total organic carbon	<1,000	<1,000	<1,000	<1,000	1		µg/L	WA	0
		Total organic halogens	11	9.5	24	24	1		µg/L	WA	0
		Total phosphates (as P)	<50	<50	1,240	1,240	5		µg/L	WA	0
		Total suspended solids	<1,000	4,000	<1,000	<1,000	1		µg/L	GE	0
		Toxaphene	<1.1	<1.1	<1.1	<1.1	1.1		µg/L	WA	0
		2,4,5-TP (Silvex)	<0.55	<0.56	<0.55	<0.55	1.1		µg/L	WA	0
		1,1,1-Trichloroethane	4.1	3.4	12	12	1		µg/L	WA	0
		1,1,2-Trichloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Trichloroethylene	<5.0	<5.0	1.1	1.1	1	J	µg/L	WA	0
		Trichlorofluoromethane	7.3	8.6	26	26	1		µg/L	WA	2
		1,2,3-Trichloropropane	<10	<10	<10	<10	1		µg/L	WA	0
		Tritium	3.1E+00	2.9E+00	2.6E+00	2.6E+00	1		pCi/mL	GP	0
		Vanadium, total recoverable	<3.0	<3.0	<3.0	<3.0	1		µg/L	WA	0
		Vinyl acetate	<10	<10	<10	<10	1		µg/L	WA	0
		Xylenes	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0

Note: Flagging, dilution factors, modifiers, and laboratories are for fourth quarter 1994 data only. See Appendix B for flagging criteria.

● = exceeded holding time for fourth quarter 1994.

■ = exceeded screening level or final PDWS for fourth quarter 1994.

WELL LFW 68D

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

SAMPLE DATE	03/28/94	06/09/94	09/26/94
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FIELD DATA

Analyte	1Q94	2Q94	3Q94	4Q94	Unit
Water elevation		143.8	141.0	140.1	ft msl
Depth to water		17.6	20.4	21.3	ft
pH		5.1		4.9	pH
Sp. conductance		22		17	µS/cm
Water temperature		17.0		19.7	°C
Alkalinity as CaCO ₃		2		0	mg/L
Turbidity		6		1	NTU
Volume purged		6.7		15.4	well vol.
Sampling code			P		

ANALYTICAL DATA

H	ST	Analyte	1Q94	2Q94	3Q94	4Q94	DF	Mod	Unit	Lab	Flag
		Acetone		7.6		<10	1		µg/L	WA	0
		Acetonitrile (Methyl cyanide)		<20		<20	1		µg/L	WA	0
		Acrolein		<10		<10	1		µg/L	WA	0
		Acrylonitrile		<10		<10	1		µg/L	WA	0
		Allyl chloride		<20		<20	1		µg/L	WA	0
		Aluminum, total recoverable		222		35	1		µg/L	WA	1
		Arsenic, total recoverable		<2.0		<2.0	1		µg/L	WA	0
		Barium, total recoverable		<4.0		<4.0	1		µg/L	WA	0
		Benzene		<5.0		<5.0	1		µg/L	WA	0
		Boron, total recoverable		<30		<30	1		µg/L	GE	0
		Bromodichloromethane		<5.0		<5.0	1		µg/L	WA	0
		Bromoform		<5.0		<5.0	1		µg/L	WA	0
		Bromomethane (Methyl bromide)		<10		<10	1		µg/L	WA	0
		Cadmium, total recoverable		<2.0		<2.0	1		µg/L	WA	0
		Calcium, total recoverable		488		295	1		µg/L	WA	0
		Carbon disulfide		<5.0		<5.0	1		µg/L	WA	0
		Carbon tetrachloride		<5.0		<5.0	1		µg/L	WA	0
		Chloride		2,210		2,130	1		µg/L	WA	0
		Chlorobenzene		<5.0		<5.0	1		µg/L	WA	0
		Chloroethane		<10		<10	1		µg/L	WA	0
		Chloroethene (Vinyl chloride)		<10		<10	1		µg/L	WA	0
		Chloroform		<5.0		<5.0	1		µg/L	WA	0
		Chloromethane (Methyl chloride)		<10		8.8	1	J	µg/L	WA	1
		Chloroprene		<100		<100	1		µg/L	WA	0
		Chromium, total recoverable		<4.0		<4.0	1		µg/L	WA	0
		Copper, total recoverable		<4.0		<4.0	1		µg/L	WA	0
		Dibromochloromethane		<5.0		<5.0	1		µg/L	WA	0
		1,2-Dibromo-3-chloropropane		<20		<20	1		µg/L	WA	0
		1,2-Dibromoethane		<20		<20	1		µg/L	WA	0
		Dibromomethane		<10		<10	1		µg/L	WA	0
		trans-1,4-Dichloro-2-butene		<100		<100	1		µg/L	WA	0
		Dichlorodifluoromethane		<10		<10	1		µg/L	WA	0
		1,1-Dichloroethane		<5.0		<5.0	1		µg/L	WA	0
		1,2-Dichloroethane		<5.0		<5.0	1		µg/L	WA	0
		1,1-Dichloroethylene		<5.0		<5.0	1		µg/L	WA	0
		1,2-Dichloroethylene		<5.0		<5.0	1		µg/L	WA	0
		Dichloromethane		<5.0		<5.0	1		µg/L	WA	0
		2,4-Dichlorophenoxyacetic acid		<1.1		<1.1	1.09		µg/L	WA	0
		1,2-Dichloropropane		<5.0		<5.0	1		µg/L	WA	0

Note: Flagging, dilution factors, modifiers, and laboratories are for fourth quarter 1994 data only. See Appendix B for flagging criteria.

- = exceeded holding time for fourth quarter 1994.
- = exceeded screening level or final PDWS for fourth quarter 1994.

Well LFW 68D continued

ANALYTICAL DATA

H	ST	Analyte	1Q94	2Q94	3Q94	4Q94	DF	Mod	Unit	Lab	Flag
		cis-1,3-Dichloropropene		<5.0		<5.0	1		µg/L	WA	0
		trans-1,3-Dichloropropene		<5.0		<5.0	1		µg/L	WA	0
		Endrin		<0.11		<0.11	1.08		µg/L	WA	0
		Ethylbenzene		<5.0		<5.0	1		µg/L	WA	0
		Fluoride		<100		<100	1		µg/L	WA	0
		Gross alpha		9.0E-01		3.0E-01	1	UI	pCi/L	GP	0
		2-Hexanone		<10		<10	1		µg/L	WA	0
		Iodomethane (Methyl iodide)		<10		<10	1		µg/L	WA	0
		Iron, total recoverable		173		20	1		µg/L	WA	0
		Isobutyl alcohol		<20		<20	1		µg/L	WA	0
		Lead, total recoverable		<3.0		<3.0	1		µg/L	WA	0
		Lindane		<0.052		<0.054	1.08		µg/L	WA	0
		Lithium, total recoverable		<5.0		<5.0	1		µg/L	WA	0
		Magnesium, total recoverable		421		309	1		µg/L	WA	0
		Manganese, total recoverable		<2.0		<2.0	1		µg/L	WA	0
		Mercury, total recoverable		<0.20		<0.20	1		µg/L	WA	0
		Methacrylonitrile		<20		<20	1		µg/L	WA	0
		Methoxychlor		<0.53		<0.54	1.08		µg/L	WA	0
		Methyl ethyl ketone		<10		<10	1		µg/L	WA	0
		Methyl isobutyl ketone		<10		<10	1		µg/L	WA	0
		Nickel, total recoverable		<4.0		<4.0	1		µg/L	WA	0
		Nitrate as nitrogen		28		<20	1		µg/L	WA	0
		Nonvolatile beta		2.1E+00		8.5E-01	1	UI	pCi/L	GP	0
		pH		5.2		5.1	1	J	pH	WA	0
		Phenols		<5.0		<5.0	1		µg/L	WA	0
		Potassium, total recoverable		<500		<500	1		µg/L	WA	0
		Propionitrile		<50		<50	1		µg/L	WA	0
		Radium, total alpha-emitting				0.0E+00	1	UI	pCi/L	GP	0
		Radium-226		2.0E-01					pCi/L		
		Radium-228		1.3E+00					pCi/L		
		Selenium, total recoverable		<2.0		<2.0	1		µg/L	WA	0
		Silica, dissolved		6,880					µg/L		
		Silica, total recoverable		7,860		7,890	2.1		µg/L	WA	0
		Silver, total recoverable		<2.0		<2.0	1		µg/L	WA	0
		Sodium, total recoverable		2,030		1,110	1		µg/L	WA	0
		Specific conductance		16		15	1		µS/cm	WA	0
		Styrene		<5.0		<5.0	1		µg/L	WA	0
		Sulfate		1,620		<1,000	1		µg/L	WA	0
		1,1,1,2-Tetrachloroethane		<10		<10	1		µg/L	WA	0
		1,1,2,2-Tetrachloroethane		<5.0		<5.0	1		µg/L	WA	0
		Tetrachloroethylene		<5.0		<5.0	1		µg/L	WA	0
		Toluene		<5.0		<5.0	1		µg/L	WA	0
		Total dissolved solids		39,000		17,000	1		µg/L	WA	0
		Total organic carbon		<1,000		<1,000	1		µg/L	WA	0
		Total organic halogens		23		11	1		µg/L	WA	0
		Total phosphates (as P)		<50		<50	1		µg/L	WA	0
		Total suspended solids		2,000		<1,000	1		µg/L	GE	0
		Toxaphene		<1.1		<1.1	1.08		µg/L	WA	0
		2,4,5-TP (Silvex)		<0.56		<0.55	1.09		µg/L	WA	0
		1,1,1-Trichloroethane		<5.0		<5.0	1		µg/L	WA	0
		1,1,2-Trichloroethane		<5.0		<5.0	1		µg/L	WA	0
		Trichloroethylene		<5.0		<5.0	1		µg/L	WA	0
		Trichlorofluoromethane		<5.0		<5.0	1		µg/L	WA	0
		1,2,3-Trichloropropane		<10		<10	1		µg/L	WA	0
		Tritium		3.0E+00		2.3E+00	1		pCi/mL	GP	0
		Vanadium, total recoverable		<3.0		<3.0	1		µg/L	WA	0
		Vinyl acetate		<10		<10	1		µg/L	WA	0
		Xylenes		<5.0		<5.0	1		µg/L	WA	0

Note: Flagging, dilution factors, modifiers, and laboratories are for fourth quarter 1994 data only. See Appendix B for flagging criteria.

• = exceeded holding time for fourth quarter 1994.

■ = exceeded screening level or final PDWS for fourth quarter 1994.

WELL LFW 69B

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

SAMPLE DATE	03/26/94	06/08/94	09/13/94
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FIELD DATA

Analyte	1Q94	2Q94	3Q94	4Q94	Unit
Water elevation		137.4	137.1	137.0	ft msl
Depth to water		8.3	8.6	8.8	ft
pH		4.9	4.0	4.0	pH
Sp. conductance		52	68	70	µS/cm
Water temperature		19.5	19.5	19.6	°C
Alkalinity as CaCO ₃		0	0	0	mg/L
Turbidity		2	0	0	NTU
Volume purged		2.2	2.9	9.2	well vol.
Sampling code					

ANALYTICAL DATA

H	ST	Analyte	1Q94	2Q94	3Q94	4Q94	DF	Mod	Unit	Lab	Flag
		Acetone	<10	<80	<10	<10	1		µg/L	WA	0
		Acetonitrile (Methyl cyanide)	<20	<20	<20	<20	1		µg/L	WA	0
		Acrolein	<10	<10	<10	<10	1		µg/L	WA	0
		Acrylonitrile	<10	<10	<10	<10	1		µg/L	WA	0
		Allyl chloride	<20	<20	<20	<20	1		µg/L	WA	0
		Aluminum, total recoverable	231	341	368	368	1		µg/L	WA	2
		Arsenic, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Barium, total recoverable	12	9.4	8.0	8.0	1		µg/L	WA	0
		Benzene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Boron, total recoverable	<30	<52	<30	<30	1		µg/L	GE	0
		Bromodichloromethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Bromoform	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Bromomethane (Methyl bromide)	<10	<10	<10	<10	1		µg/L	WA	0
		Cadmium, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Calcium, total recoverable	2,380	1,560	1,370	1,370	1		µg/L	WA	0
		Carbon disulfide	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Carbon tetrachloride	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Chloride	1,760	1,800	1,700	1,700	1		µg/L	WA	0
		Chlorobenzene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Chloroethane	<10	<10	<10	<10	1		µg/L	WA	0
		Chloroethene (Vinyl chloride)	<10	<10	<10	<10	1		µg/L	WA	0
		Chloroform	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Chloromethane (Methyl chloride)	1.2	2.5	14	14	1		µg/L	WA	2
		Chloroprene	<100	<100	<100	<100	1		µg/L	WA	0
		Chromium, total recoverable	<4.0	<4.0	<4.0	<4.0	1		µg/L	WA	0
		Copper, total recoverable	<4.0	<4.0	<4.0	<4.0	1		µg/L	WA	0
		Dibromochloromethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,2-Dibromo-3-chloropropane	<20	<20	<20	<20	1		µg/L	WA	0
		1,2-Dibromoethane	<20	<20	<20	<20	1		µg/L	WA	0
		Dibromomethane	<10	<10	<10	<10	1		µg/L	WA	0
		trans-1,4-Dichloro-2-butene	<100	<100	<100	<100	1		µg/L	WA	0
		Dichlorodifluoromethane	<10	<10	<10	<10	1		µg/L	WA	0
		1,1-Dichloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,2-Dichloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,1-Dichloroethylene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,2-Dichloroethylene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Dichloromethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		2,4-Dichlorophenoxyacetic acid	<1.1	<1.1	<1.1	<1.1	1.1		µg/L	WA	0
		1,2-Dichloropropane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0

Note: Flagging, dilution factors, modifiers, and laboratories are for fourth quarter 1994 data only. See Appendix B for flagging criteria.

● = exceeded holding time for fourth quarter 1994.

■ = exceeded screening level or final PDWS for fourth quarter 1994.

Well LFW 69B continued

ANALYTICAL DATA

H	ST	Analyte	1Q94	2Q94	3Q94	4Q94	DF	Mod	Unit	Lab	Flag
		cis-1,3-Dichloropropene		<5.0	<5.0	<5.0	1		µg/L	WA	0
		trans-1,3-Dichloropropene		<5.0	<5.0	<5.0	1		µg/L	WA	0
		Endrin		<0.11	<0.11	<0.10	1.04		µg/L	WA	0
		Ethylbenzene		<5.0	<5.0	<5.0	1		µg/L	WA	0
		Fluoride		<100	<100	<100	1		µg/L	WA	0
		Gross alpha		7.7E+00	5.5E+00	6.6E+00	1		pCi/L	GP	0
		2-Hexanone		<10	<10	<10	1		µg/L	WA	0
		Iodomethane (Methyl iodide)		<10	<10	<10	1		µg/L	WA	0
		Iron, total recoverable		210	189	162	1		µg/L	WA	1
		Isobutyl alcohol		<20	<20	<20	1		µg/L	WA	0
		Lead, total recoverable		<3.0	<3.0	<3.0	1		µg/L	WA	0
		Lindane		<0.055	<0.055	<0.052	1.04		µg/L	WA	0
		Lithium, total recoverable		<53	5.1	<5.0	1		µg/L	WA	0
		Magnesium, total recoverable		473	418	378	1		µg/L	WA	0
		Manganese, total recoverable		26	18	15	1		µg/L	WA	0
		Mercury, total recoverable		<0.20	<0.20	<0.20	1		µg/L	WA	0
		Methacrylonitrile		<20	<20	<20	1		µg/L	WA	0
		Methoxychlor		<0.55	<0.55	<0.52	1.04		µg/L	WA	0
		Methyl ethyl ketone		<10	<10	<10	1		µg/L	WA	0
		Methyl isobutyl ketone		<10	<10	<10	1		µg/L	WA	0
		Nickel, total recoverable		11	11	8.8	1		µg/L	WA	0
		Nitrate as nitrogen		<20	<20	<20	1		µg/L	WA	0
		Nonvolatile beta		1.2E+01	9.1E+00	6.9E+00	1		pCi/L	GP	0
•		pH		6.1	4.1	4.2	1	J	pH	WA	0
		Phenols		<5.0	<5.0	<5.0	1		µg/L	WA	0
		Potassium, total recoverable		630	<500	<500	1		µg/L	WA	0
		Propionitrile		<50	<50	<50	1		µg/L	WA	0
		Radium, total alpha-emitting				5.3E+00	1		pCi/L	GP	0
		Radium-226		1.6E+00	2.5E+00				pCi/L		
		Radium-228		2.8E+00	6.9E+00				pCi/L		
		Selenium, total recoverable		<2.0	<2.0	<2.0	1		µg/L	WA	0
		Silica, dissolved		11,400	10,500	11,100	2.1		µg/L	WA	0
		Silica, total recoverable		11,500	11,100	11,000	2.1		µg/L	WA	0
		Silver, total recoverable		<2.0	<2.0	<2.0	1		µg/L	WA	0
		Sodium, total recoverable		2,930	1,900	1,470	1		µg/L	WA	0
		Specific conductance		40	52	53	1		µS/cm	WA	0
		Styrene		<5.0	<5.0	<5.0	1		µg/L	WA	0
		Sulfate		13,200	12,300	10,800	1		µg/L	WA	0
		1,1,1,2-Tetrachloroethane		<10	<10	<10	1		µg/L	WA	0
		1,1,2,2-Tetrachloroethane		<5.0	<5.0	<5.0	1		µg/L	WA	0
		Tetrachloroethylene		<5.0	<5.0	<5.0	1		µg/L	WA	0
		Toluene		<5.0	<5.0	<5.0	1		µg/L	WA	0
		Total activity			2.8E+02				pCi/L		
		Total dissolved solids		50,000	82,000	73,000	1		µg/L	WA	0
		Total organic carbon		<1,000	<1,000	<1,000	1		µg/L	WA	0
		Total organic halogens		11	<5.0	<5.0	1		µg/L	WA	0
		Total phosphates (as P)		<50	<50	1,690	5		µg/L	WA	0
		Total suspended solids		<1,000	<1,000	<1,000	1		µg/L	GE	0
		Toxaphene		<1.1	<1.1	<1.0	1.04		µg/L	WA	0
		2,4,5-TP (Silvex)		<0.55	<0.55	<0.55	1.1		µg/L	WA	0
		1,1,1-Trichloroethane		<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,1,2-Trichloroethane		<5.0	<5.0	<5.0	1		µg/L	WA	0
		Trichloroethylene		<5.0	<5.0	<5.0	1		µg/L	WA	0
		Trichlorofluoromethane		<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,2,3-Trichloropropane		<10	<10	<10	1		µg/L	WA	0
		Tritium		<1.6E-01	<1.6E-01	4.2E-02	1	UI	pCi/mL	GP	0
		Vanadium, total recoverable		<3.0	<3.0	<3.0	1		µg/L	WA	0
		Vinyl acetate		<10	<10	<10	1		µg/L	WA	0
		Xylenes		<5.0	<5.0	<5.0	1		µg/L	WA	0

Note: Flagging, dilution factors, modifiers, and laboratories are for fourth quarter 1994 data only. See Appendix B for flagging criteria.

● = exceeded holding time for fourth quarter 1994.

■ = exceeded screening level or final PDWS for fourth quarter 1994.

WELL LFW 69C

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

SAMPLE DATE	03/26/94	06/08/94	09/13/94
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FIELD DATA

Analyte	1Q94	2Q94	3Q94	4Q94	Unit
Water elevation		137.7	137.3	136.5	ft msl
Depth to water		8.3	8.7	9.5	ft
pH		5.5	5.0	4.4	pH
Sp. conductance		43	45	48	µS/cm
Water temperature		19.3	19.7	20.0	°C
Alkalinity as CaCO ₃		4	2	0	mg/L
Turbidity		3	1	0	NTU
Volume purged		5.5	6.8	3.4	well vol.
Sampling code					

ANALYTICAL DATA

H	ST	Analyte	1Q94	2Q94	3Q94	4Q94	DF	Mod	Unit	Lab	Flag
		Acetone	<10	<80	<10	<10	1		µg/L	WA	0
		Acetonitrile (Methyl cyanide)	<20	<20	<20	<20	1		µg/L	WA	0
		Acrolein	<10	<10	<10	<10	1		µg/L	WA	0
		Acrylonitrile	<10	<10	<10	<10	1		µg/L	WA	0
		Allyl chloride	<20	<20	<20	<20	1		µg/L	WA	0
		Aluminum, total recoverable	362	377	352		1		µg/L	WA	2
		Arsenic, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Barium, total recoverable	15	15	12		1		µg/L	WA	0
		Benzene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Boron, total recoverable	<30	<52	<30	<30	1		µg/L	GE	0
		Bromodichloromethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Bromoform	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Bromomethane (Methyl bromide)	<10	<10	<10	<10	1		µg/L	WA	0
		Cadmium, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Calcium, total recoverable	1,730	1,500	1,220		1		µg/L	WA	0
		Carbon disulfide	1.1	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Carbon tetrachloride	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Chloride	1,740	1,780	1,780		1		µg/L	WA	0
		Chlorobenzene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Chloroethane	<10	<10	<10	<10	1		µg/L	WA	0
		Chloroethene (Vinyl chloride)	<10	<10	<10	<10	1		µg/L	WA	0
		Chloroform	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Chloromethane (Methyl chloride)	<10	<10	13		1		µg/L	WA	2
		Chloroprene	<100	<100	<100	<100	1		µg/L	WA	0
		Chromium, total recoverable	<4.0	<4.0	<4.0	<4.0	1		µg/L	WA	0
		Copper, total recoverable	11	9.3	11		1		µg/L	WA	0
		Dibromochloromethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,2-Dibromo-3-chloropropane	<20	<20	<20	<20	1		µg/L	WA	0
		1,2-Dibromoethane	<20	<20	<20	<20	1		µg/L	WA	0
		Dibromomethane	<10	<10	<10	<10	1		µg/L	WA	0
		trans-1,4-Dichloro-2-butene	<100	<100	<100	<100	1		µg/L	WA	0
		Dichlorodifluoromethane	<10	<10	<10	<10	1		µg/L	WA	0
		1,1-Dichloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,2-Dichloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,1-Dichloroethylene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,2-Dichloroethylene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Dichloromethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		2,4-Dichlorophenoxyacetic acid	<1.1	<1.1	<1.1	<1.1	1.09		µg/L	WA	0
		1,2-Dichloropropane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0

Note: Flagging, dilution factors, modifiers, and laboratories are for fourth quarter 1994 data only. See Appendix B for flagging criteria.
 ● = exceeded holding time for fourth quarter 1994.
 ■ = exceeded screening level or final PDWS for fourth quarter 1994.

Well LFV 69C continued

ANALYTICAL DATA

H	ST	Analyte	1Q94	2Q94	3Q94	4Q94	DF	Mod	Unit	Lab	Flag
		cis-1,3-Dichloropropene		<5.0	<5.0	<5.0	1		µg/L	WA	0
		trans-1,3-Dichloropropene		<5.0	<5.0	<5.0	1		µg/L	WA	0
		Endrin		<0.11		<0.11	1.12		µg/L	WA	0
		Ethylbenzene		<5.0	<5.0	<5.0	1		µg/L	WA	0
		Fluoride		<100	<100	<100	1		µg/L	WA	0
		Gross alpha		6.6E+00	3.5E+00	4.2E+00	1		pCi/L	GP	0
		2-Hexanone		<10	<10	<10	1		µg/L	WA	0
		Iodomethane (Methyl iodide)		<10	<10	<10	1		µg/L	WA	0
		Iron, total recoverable		94	44	14	1		µg/L	WA	0
		Isobutyl alcohol		<20	<20	<20	1		µg/L	WA	0
		Lead, total recoverable		<3.0	4.1	<3.0	1		µg/L	WA	0
		Lindane		<0.055		<0.056	1.12		µg/L	WA	0
		Lithium, total recoverable		<53	<5.0	<5.0	1		µg/L	WA	0
		Magnesium, total recoverable		529	583	499	1		µg/L	WA	0
		Manganese, total recoverable		26	24	21	1		µg/L	WA	0
		Mercury, total recoverable		<0.20	<0.20	<0.20	1		µg/L	WA	0
		Methacrylonitrile		<20	<20	<20	1		µg/L	WA	0
		Methoxychlor		<0.55	<0.55	<0.56	1.12		µg/L	WA	0
		Methyl ethyl ketone		<10	<10	<10	1		µg/L	WA	0
		Methyl isobutyl ketone		<10	<10	<10	1		µg/L	WA	0
		Nickel, total recoverable		6.6	6.0	6.0	1		µg/L	WA	0
		Nitrate as nitrogen		516	439	392	1		µg/L	WA	0
		Nonvolatile beta		7.1E+00	2.5E+00	2.3E+00	1	J	pCi/L	GP	0
		pH		6.6	4.8	4.6	1	J	pH	WA	0
		Phenols		<5.0	<5.0	<5.0	1		µg/L	WA	0
		Potassium, total recoverable		634	<500	<500	1		µg/L	WA	0
		Propionitrile		<50	<50	<50	1		µg/L	WA	0
		Radium, total alpha-emitting				3.3E+00	1		pCi/L	GP	0
		Radium-226		1.5E+00	3.4E-01				pCi/L		
		Radium-228		1.6E+00	1.7E+00				pCi/L		
		Selenium, total recoverable		<2.0	<2.0	<2.0	1		µg/L	WA	0
		Silica, dissolved		10,700	9,820	10,200	2.1		µg/L	WA	0
		Silica, total recoverable		11,300	11,000	11,200	2.1		µg/L	WA	0
		Silver, total recoverable		<2.0	<2.0	<2.0	1		µg/L	WA	0
		Sodium, total recoverable		3,800	2,720	1,850	1		µg/L	WA	0
		Specific conductance		33	33	36	1		µS/cm	WA	0
		Styrene		<5.0	<5.0	<5.0	1		µg/L	WA	0
		Sulfate		16,800	7,700	7,790	1		µg/L	WA	0
		1,1,1,2-Tetrachloroethane		<10	<10	<10	1		µg/L	WA	0
		1,1,2,2-Tetrachloroethane		<5.0	<5.0	<5.0	1		µg/L	WA	0
		Tetrachloroethylene		<5.0	<5.0	<5.0	1		µg/L	WA	0
		Toluene		<5.0	<5.0	<5.0	1		µg/L	WA	0
		Total activity			9.2E+02				pCi/L		
		Total dissolved solids		61,000	71,000	52,000	1		µg/L	WA	0
		Total organic carbon		<1,000	<1,000	<1,000	1		µg/L	WA	0
		Total organic halogens		14	<5.0	<5.0	1		µg/L	WA	0
		Total phosphates (as P)		<50	<50	1,450	5		µg/L	WA	0
		Total suspended solids		8,000	3,000	<1,000	1		µg/L	GE	0
		Toxaphene		<1.1		<1.1	1.12		µg/L	WA	0
		2,4,5-TP (Silvex)		<0.56	<0.55	<0.55	1.09		µg/L	WA	0
		1,1,1-Trichloroethane		<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,1,2-Trichloroethane		<5.0	<5.0	<5.0	1		µg/L	WA	0
		Trichloroethylene		<5.0	<5.0	<5.0	1		µg/L	WA	0
		Trichlorofluoromethane		<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,2,3-Trichloropropane		<10	<10	<10	1		µg/L	WA	0
		Tritium		5.5E-01	<1.6E-01	4.6E-01	1	UI	pCi/mL	GP	0
		Vanadium, total recoverable		<3.0	<3.0	<3.0	1		µg/L	WA	0
		Vinyl acetate		<10	<10	<10	1		µg/L	WA	0
		Xylenes		<5.0	<5.0	<5.0	1		µg/L	WA	0

Note: Flagging, dilution factors, modifiers, and laboratories are for fourth quarter 1994 data only. See Appendix B for flagging criteria.

● = exceeded holding time for fourth quarter 1994.

■ = exceeded screening level or final PDWS for fourth quarter 1994.

WELL LFW 69D

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

SAMPLE DATE	03/26/94	06/08/94	09/13/94
FIELD DATA			

Analyte	1Q94	2Q94	3Q94	4Q94	Unit
Water elevation		137.9	137.4	137.3	ft msl
Depth to water		8.2	8.7	8.9	ft
pH		5.3	5.2	5.2	pH
Sp. conductance		50	74	90	µS/cm
Water temperature		17.0	20.0	20.2	°C
Alkalinity as CaCO ₃		3	2	4	mg/L
Turbidity		1	1	1	NTU
Volume purged		8.7	9.3	4.3	well vol.
Sampling code					

ANALYTICAL DATA

H	ST	Analyte	1Q94	2Q94	3Q94	4Q94	DF	Mod	Unit	Lab	Flag
		Acetone		11	<10	<10	1		µg/L	WA	0
		Acetonitrile (Methyl cyanide)		<20	<20	<20	1		µg/L	WA	0
		Acrolein		<10	<10	<10	1		µg/L	WA	0
		Acrylonitrile		<10	<10	<10	1		µg/L	WA	0
		Allyl chloride		<20	<20	<20	1		µg/L	WA	0
		Aluminum, total recoverable		27	25	133	1		µg/L	WA	2
		Arsenic, total recoverable		<2.0	<2.0	2.8	1		µg/L	WA	0
		Barium, total recoverable		8.3	5.4	6.1	1		µg/L	WA	0
		Benzene		<5.0	1.3	1.4	1	J	µg/L	WA	0
		Boron, total recoverable		<30	<52	<30	1		µg/L	GE	0
		Bromodichloromethane		<5.0	<5.0	<5.0	1		µg/L	WA	0
		Bromoform		<5.0	<5.0	<5.0	1		µg/L	WA	0
		Bromomethane (Methyl bromide)		<10	<10	<10	1		µg/L	WA	0
		Cadmium, total recoverable		<2.0	<2.0	<2.0	1		µg/L	WA	0
		Calcium, total recoverable		757	560	599	1		µg/L	WA	0
		Carbon disulfide		<5.0	<5.0	<5.0	1		µg/L	WA	0
		Carbon tetrachloride		<5.0	<5.0	<5.0	1		µg/L	WA	0
		Chloride		7,520	11,800	14,800	5		µg/L	WA	0
		Chlorobenzene		<5.0	<5.0	3.5	1	J	µg/L	WA	0
		Chloroethane		2.3	2.1	<10	1		µg/L	WA	0
■		Chloroethene (Vinyl chloride)		2.0	5.9	18	1		µg/L	WA	2
		Chloroform		<5.0	<5.0	<5.0	1		µg/L	WA	0
		Chloromethane (Methyl chloride)		1.1	<10	<10	1		µg/L	WA	0
		Chloroprene		<100	<100	<100	1		µg/L	WA	0
		Chromium, total recoverable		<4.0	<4.0	<4.0	1		µg/L	WA	0
		Copper, total recoverable		<4.0	<4.0	<4.0	1		µg/L	WA	0
		Dibromochloromethane		<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,2-Dibromo-3-chloropropane		<20	<20	<20	1		µg/L	WA	0
		1,2-Dibromoethane		<20	<20	<20	1		µg/L	WA	0
		Dibromomethane		<10	<10	<10	1		µg/L	WA	0
		trans-1,4-Dichloro-2-butene		<100	<100	<100	1		µg/L	WA	0
		Dichlorodifluoromethane		<10	2.1	2.1	1	J	µg/L	WA	0
		1,1-Dichloroethane		21	40	43	1		µg/L	WA	2
		1,2-Dichloroethane		1.2	<5.0	2.8	1	J	µg/L	WA	1
		1,1-Dichloroethylene		<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,2-Dichloroethylene		<5.0	<5.0	<5.0	1		µg/L	WA	0
		Dichloromethane		1.7	<20	4.0	1	J	µg/L	WA	1
		2,4-Dichlorophenoxyacetic acid		<1.1	<1.1	<1.1	1.12		µg/L	WA	0
		1,2-Dichloropropane		<5.0	<5.0	<5.0	1		µg/L	WA	0

Note: Flagging, dilution factors, modifiers, and laboratories are for fourth quarter 1994 data only. See Appendix B for flagging criteria.

● = exceeded holding time for fourth quarter 1994.

■ = exceeded screening level or final PDWS for fourth quarter 1994.

Well LFW 69D continued

ANALYTICAL DATA

H	ST	Analyte	1Q94	2Q94	3Q94	4Q94	DF	Mod	Unit	Lab	Flag
		cis-1,3-Dichloropropene		<5.0	<5.0	<5.0	1		µg/L	WA	0
		trans-1,3-Dichloropropene		<5.0	<5.0	<5.0	1		µg/L	WA	0
		Endrin		<0.11	<0.11	<0.11	1.08	J	µg/L	WA	0
		Ethylbenzene		<5.0	<5.0	<5.0	1		µg/L	WA	0
		Fluoride		<100	<100	<100	1		µg/L	WA	0
		Gross alpha		<4.2E-01	1.0E+00	5.6E-01	1	UI	pCi/L	GP	0
		2-Hexanone		<10	<10	<10	1		µg/L	WA	0
		Iodomethane (Methyl iodide)		<10	<10	<10	1		µg/L	WA	0
		Iron, total recoverable		1,970	1,520	4,950	1		µg/L	WA	2
		Isobutyl alcohol		<20	<20	<20	1		µg/L	WA	0
		Lead, total recoverable		<3.0	<3.0	<3.0	1		µg/L	WA	0
•		Lindane		<0.055	<0.056	<0.054	1.08	J	µg/L	WA	0
		Lithium, total recoverable		<5.0	<5.0	<5.0	1		µg/L	WA	0
		Magnesium, total recoverable		450	581	831	1		µg/L	WA	0
		Manganese, total recoverable		12	11	8.6	1		µg/L	WA	0
		Mercury, total recoverable		<0.20	<0.20	<0.20	1		µg/L	WA	0
		Methacrylonitrile		<20	<20	<20	1		µg/L	WA	0
•		Methoxychlor		<0.55	<0.56	<0.54	1.08	J	µg/L	WA	0
		Methyl ethyl ketone		<10	<10	<10	1		µg/L	WA	0
		Methyl isobutyl ketone		<10	<10	<10	1		µg/L	WA	0
		Nickel, total recoverable		<4.0	<4.0	<4.0	1		µg/L	WA	0
		Nitrate as nitrogen		<20	<20	<20	1		µg/L	WA	0
•		Nonvolatile beta		1.9E+00	<6.9E-01	3.2E-01	1	UI	pCi/L	GP	0
		pH		6.4	5.3	5.4	1	J	pH	WA	0
		Phenols		<5.0	<5.0	<5.0	1		µg/L	WA	0
		Potassium, total recoverable		<500	<500	<500	1		µg/L	WA	0
		Propionitrile		<50	<50	<50	1		µg/L	WA	0
		Radium, total alpha-emitting				5.0E-01	1	J	pCi/L	GP	0
		Radium-226		2.1E-01	1.1E+00				pCi/L		
		Radium-228		1.0E-01	1.2E+00				pCi/L		
		Selenium, total recoverable		<2.0	<2.0	<2.0	1		µg/L	WA	0
		Silica, dissolved		5,500	5,330	5,570	2.1		µg/L	WA	0
		Silica, total recoverable		5,440	5,250	6,360	2.1		µg/L	WA	0
		Silver, total recoverable		<2.0	<2.0	<2.0	1		µg/L	WA	0
		Sodium, total recoverable		5,160	8,040	10,900	1		µg/L	WA	0
		Specific conductance		39	54	68	1		µS/cm	WA	0
		Styrene		<5.0	<5.0	<5.0	1		µg/L	WA	0
		Sulfate		2,370	<1,000	1,640	1		µg/L	WA	0
		1,1,1,2-Tetrachloroethane		<10	<10	<10	1		µg/L	WA	0
		1,1,2,2-Tetrachloroethane		<5.0	<5.0	<5.0	1		µg/L	WA	0
		Tetrachloroethylene		<5.0	<5.0	<5.0	1		µg/L	WA	0
		Toluene		1.2	<5.0	<5.0	1		µg/L	WA	0
		Total activity			1.4E+04				pCi/L		
		Total dissolved solids		48,000	108,000	48,000	1		µg/L	WA	0
		Total organic carbon		1,030	1,450	2,400	1		µg/L	WA	0
		Total organic halogens		170	140	263	5		µg/L	WA	2
		Total phosphates (as P)		<50	<50	754	2		µg/L	WA	0
		Total suspended solids		2,000	<1,000	<1,000	1		µg/L	GE	0
•		Toxaphene		<1.1	<1.1	<1.1	1.08	J	µg/L	WA	0
		2,4,5-TP (Silvex)		<0.55	<0.55	<0.56	1.12		µg/L	WA	0
		1,1,1-Trichloroethane		<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,1,2-Trichloroethane		<5.0	<5.0	<5.0	1		µg/L	WA	0
		Trichloroethylene		<5.0	1.1	<5.0	1		µg/L	WA	0
		Trichlorofluoromethane		<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,2,3-Trichloropropane		<10	<10	<10	1		µg/L	WA	0
		Tritium		1.1E+01	1.4E+01	1.3E+01	1		pCi/mL	GP	1
		Vanadium, total recoverable		<3.0	<3.0	<3.0	1		µg/L	WA	0
		Vinyl acetate		<10	<10	<10	1		µg/L	WA	0
		Xylenes		<5.0	<5.0	<5.0	1		µg/L	WA	0

Note: Flagging, dilution factors, modifiers, and laboratories are for fourth quarter 1994 data only. See Appendix B for flagging criteria.

• = exceeded holding time for fourth quarter 1994.

■ = exceeded screening level or final PDWS for fourth quarter 1994.

WELL LFW 70B

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

SAMPLE DATE	03/20/94	06/08/94	09/12/94
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FIELD DATA

Analyte	1Q94	2Q94	3Q94	4Q94	Unit
Water elevation	136.1	135.7	135.6	135.6	ft msl
Depth to water	9.2	9.5	9.6	9.6	ft
pH	5.7	4.8	4.6	4.6	pH
Sp. conductance	61	54	57	57	µS/cm
Water temperature	19.5	19.4	19.8	19.8	°C
Alkalinity as CaCO ₃	7	0	0	0	mg/L
Turbidity	8	4	1	1	NTU
Volume purged	2.7	3.9	7.2	7.2	well vol.
Sampling code					

ANALYTICAL DATA

H	ST	Analyte	1Q94	2Q94	3Q94	4Q94	DF	Mod	Unit	Lab	Flag
		Acetone	<10	<10	<30	<30	1	J	µg/L	WA	0
		Acetonitrile (Methyl cyanide)	<20	<20	<20	<20	1		µg/L	WA	0
		Acrolein	<10	<10	<10	<10	1		µg/L	WA	0
		Acrylonitrile	<10	<10	<10	<10	1		µg/L	WA	0
		Allyl chloride	<20	<20	<20	<20	1		µg/L	WA	0
		Aluminum, total recoverable	105	119	67	67	1		µg/L	WA	2
		Arsenic, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Barium, total recoverable	9.6	13	8.2	8.2	1		µg/L	WA	0
		Benzene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Boron, total recoverable	<30	<52	<30	<30	1		µg/L	GE	0
		Bromodichloromethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Bromoform	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Bromomethane (Methyl bromide)	<10	<10	<10	<10	1		µg/L	WA	0
		Cadmium, total recoverable	2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Calcium, total recoverable	2,970	2,830	1,890	1,890	1		µg/L	WA	0
		Carbon disulfide	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Carbon tetrachloride	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Chloride	2,000	1,810	1,760	1,760	1		µg/L	WA	0
		Chlorobenzene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Chloroethane	<10	<10	<10	<10	1		µg/L	WA	0
		Chloroethene (Vinyl chloride)	<10	<10	<10	<10	1		µg/L	WA	0
		Chloroform	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Chloromethane (Methyl chloride)	<10	<10	14	14	1		µg/L	WA	2
		Chloroprene	<100	<100	<100	<100	1		µg/L	WA	0
		Chromium, total recoverable	4.0	<4.0	<4.0	<4.0	1		µg/L	WA	0
		Copper, total recoverable	4.0	<4.0	<4.0	<4.0	1		µg/L	WA	0
		Dibromochloromethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,2-Dibromo-3-chloropropane	<20	<20	<20	<20	1		µg/L	WA	0
		1,2-Dibromoethane	<20	<20	<20	<20	1		µg/L	WA	0
		Dibromomethane	<10	<10	<10	<10	1		µg/L	WA	0
		trans-1,4-Dichloro-2-butene	<100	<100	<100	<100	1		µg/L	WA	0
		Dichlorodifluoromethane	<10	<10	<10	<10	1		µg/L	WA	0
		1,1-Dichloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,2-Dichloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,1-Dichloroethylene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,2-Dichloroethylene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Dichloromethane	<20	<20	2.5	2.5	1	J	µg/L	WA	0
		2,4-Dichlorophenoxyacetic acid	<1.1	<1.1	<1.1	<1.1	1.08		µg/L	WA	0
		1,2-Dichloropropane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0

Note: Flagging, dilution factors, modifiers, and laboratories are for fourth quarter 1994 data only. See Appendix B for flagging criteria.

● = exceeded holding time for fourth quarter 1994.

■ = exceeded screening level or final PDWS for fourth quarter 1994.

Well LFW 70B continued

ANALYTICAL DATA

H	ST	Analyte	1Q94	2Q94	3Q94	4Q94	DF	Mod	Unit	Lab	Flag
		cis-1,3-Dichloropropene		<5.0	<5.0	<5.0	1		µg/L	WA	0
		trans-1,3-Dichloropropene		<5.0	<5.0	<5.0	1		µg/L	WA	0
		Endrin		<0.11	<0.11	<0.11	1.09		µg/L	WA	0
		Ethylbenzene		<5.0	<5.0	<5.0	1		µg/L	WA	0
		Fluoride		<100	<100	<100	1		µg/L	WA	0
		Gross alpha		8.1E+00	5.0E+00	5.3E+00	1		pCi/L	GP	0
		2-Hexanone		<10	<10	<10	1		µg/L	WA	0
		Iodomethane (Methyl iodide)		<10	<10	<10	1		µg/L	WA	0
		Iron, total recoverable		305	274	199	1		µg/L	WA	1
		Isobutyl alcohol		<20	<20	<20	1		µg/L	WA	0
		Lead, total recoverable		6.0	<3.0	4.3	1		µg/L	WA	0
		Lindane		<0.055	<0.055	<0.055	1.09		µg/L	WA	0
		Lithium, total recoverable		7.8	5.3	7.4	1		µg/L	WA	0
		Magnesium, total recoverable		399	493	344	1		µg/L	WA	0
		Manganese, total recoverable		27	27	15	1		µg/L	WA	0
		Mercury, total recoverable		<0.20	<0.20	<0.20	1		µg/L	WA	0
		Methacrylonitrile		<20	<20	<20	1		µg/L	WA	0
		Methoxychlor		<0.55	<0.55	<0.55	1.09		µg/L	WA	0
		Methyl ethyl ketone		<10	<10	<10	1		µg/L	WA	0
		Methyl isobutyl ketone		<10	<10	<10	1		µg/L	WA	0
		Nickel, total recoverable		6.4	6.7	4.7	1		µg/L	WA	0
		Nitrate as nitrogen		<20	<20	<20	1		µg/L	WA	0
		Nonvolatile beta		7.8E+00	5.0E+00	4.4E+00	1		pCi/L	GP	0
		pH		6.6	4.8	4.7	1	J	pH	WA	0
		Phenols		<5.0	<5.0	<5.0	1		µg/L	WA	0
		Potassium, total recoverable		514	536	<500	1		µg/L	WA	0
		Propionitrile		<50	<50	<50	1		µg/L	WA	0
		Radium, total alpha-emitting				6.0E+00	1		pCi/L	GP	0
		Radium-226		<3.8E-01	2.1E+00				pCi/L		
		Radium-228		2.8E+00	1.9E+00				pCi/L		
		Selenium, total recoverable		<2.0	<2.0	<2.0	1		µg/L	WA	0
		Silica, dissolved		12,600	11,800	12,200	2.1		µg/L	WA	0
		Silica, total recoverable		9,280	12,100	9,840	2.1		µg/L	WA	0
		Silver, total recoverable		2.0	<2.0	<2.0	1		µg/L	WA	0
		Sodium, total recoverable		3,080	2,410	1,400	1		µg/L	WA	0
		Specific conductance		54	41	50	1		µS/cm	WA	0
		Styrene		<5.0	<5.0	<5.0	1		µg/L	WA	0
		Sulfate		13,800	11,800	11,000	1		µg/L	WA	0
		1,1,1,2-Tetrachloroethane		<10	<10	<10	1		µg/L	WA	0
		1,1,2,2-Tetrachloroethane		<5.0	<5.0	<5.0	1		µg/L	WA	0
		Tetrachloroethylene		<5.0	<5.0	<5.0	1		µg/L	WA	0
		Toluene		2.0	<5.0	<5.0	1		µg/L	WA	0
		Total activity			3.7E+02				pCi/L		
		Total dissolved solids		49,000	67,000	67,000	1		µg/L	WA	0
		Total organic carbon		<1,000	<1,000	<1,000	1		µg/L	WA	0
		Total organic halogens		5.5	<5.0	12	1		µg/L	WA	0
		Total phosphates (as P)		<50	<50	344	1		µg/L	WA	0
		Total suspended solids		16,000	4,000	<1,000	1		µg/L	GE	0
		Toxaphene		<1.1	<1.1	<1.1	1.09		µg/L	WA	0
		2,4,5-TP (Silvex)		<0.55	<0.54	<0.54	1.08		µg/L	WA	0
		1,1,1-Trichloroethane		<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,1,2-Trichloroethane		<5.0	<5.0	<5.0	1		µg/L	WA	0
		Trichloroethylene		<5.0	<5.0	<5.0	1		µg/L	WA	0
		Trichlorofluoromethane		<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,2,3-Trichloropropane		<10	<10	<10	1		µg/L	WA	0
		Tritium		<2.0E-01	<1.6E-01	4.9E-01	1	UI	pCi/mL	GP	0
		Vanadium, total recoverable		7.7	<3.0	<3.0	1		µg/L	WA	0
		Vinyl acetate		<10	<10	<10	1		µg/L	WA	0
		Xylenes		<5.0	<5.0	<5.0	1		µg/L	WA	0

Note: Flagging, dilution factors, modifiers, and laboratories are for fourth quarter 1994 data only. See Appendix B for flagging criteria.

● = exceeded holding time for fourth quarter 1994.

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WELL LFW 70C

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

SAMPLE DATE	03/20/94	06/08/94	09/12/94
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FIELD DATA

Analyte	1Q94	2Q94	3Q94	4Q94	Unit
Water elevation		136.1	135.7	135.6	ft msl
Depth to water		9.6	10.0	10.1	ft
pH		5.4	4.3	4.2	pH
Sp. conductance		33	46	50	µS/cm
Water temperature		19.0	19.9	19.8	°C
Alkalinity as CaCO ₃		3	0	0	mg/L
Turbidity		20	1	1	NTU
Volume purged		2.7	4.7	7.2	well vol.
Sampling code					

ANALYTICAL DATA

H	ST	Analyte	1Q94	2Q94	3Q94	4Q94	DF	Mod	Unit	Lab	Flag
		Acetone		<10	11	<30	1	J	µg/L	WA	0
		Acetonitrile (Methyl cyanide)		<20	<20	<20	1		µg/L	WA	0
		Acrolein		<10	<10	<10	1		µg/L	WA	0
		Acrylonitrile		<10	<10	<10	1		µg/L	WA	0
		Allyl chloride		<20	<20	<20	1		µg/L	WA	0
		Aluminum, total recoverable		118	140	194	1		µg/L	WA	2
		Arsenic, total recoverable		<2.0	<2.0	<2.0	1		µg/L	WA	0
		Barium, total recoverable		8.4	6.5	<4.0	1		µg/L	WA	0
		Benzene		<5.0	<5.0	<5.0	1		µg/L	WA	0
		Boron, total recoverable		<30	<52	<30	1		µg/L	GE	0
		Bromodichloromethane		<5.0	<5.0	<5.0	1		µg/L	WA	0
		Bromoform		<5.0	<5.0	<5.0	1		µg/L	WA	0
		Bromomethane (Methyl bromide)		<10	<10	<10	1		µg/L	WA	0
		Cadmium, total recoverable		<2.0	<2.0	<2.0	1		µg/L	WA	0
		Calcium, total recoverable		1,430	914	614	1		µg/L	WA	0
		Carbon disulfide		<5.0	<5.0	<5.0	1		µg/L	WA	0
		Carbon tetrachloride		<5.0	<5.0	<5.0	1		µg/L	WA	0
		Chloride		1,890	1,830	1,830	1		µg/L	WA	0
		Chlorobenzene		<5.0	<5.0	<5.0	1		µg/L	WA	0
		Chloroethane		<10	<10	<10	1		µg/L	WA	0
		Chloroethene (Vinyl chloride)		<10	<10	<10	1		µg/L	WA	0
		Chloroform		<5.0	<5.0	<5.0	1		µg/L	WA	0
		Chloromethane (Methyl chloride)		<10	<10	11	1		µg/L	WA	2
		Chloroprene		<100	<100	<100	1		µg/L	WA	0
		Chromium, total recoverable		<4.0	<4.0	<4.0	1		µg/L	WA	0
		Copper, total recoverable		<4.0	<4.0	<4.0	1		µg/L	WA	0
		Dibromochloromethane		<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,2-Dibromo-3-chloropropane		<20	<20	<20	1		µg/L	WA	0
		1,2-Dibromoethane		<20	<20	<20	1		µg/L	WA	0
		Dibromomethane		<10	<10	<10	1		µg/L	WA	0
		trans-1,4-Dichloro-2-butene		<100	<100	<100	1		µg/L	WA	0
		Dichlorodifluoromethane		<10	<10	<10	1		µg/L	WA	0
		1,1-Dichloroethane		<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,2-Dichloroethane		<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,1-Dichloroethylene		<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,2-Dichloroethylene		<5.0	<5.0	<5.0	1		µg/L	WA	0
		Dichloromethane		<20	<20	2.6	1	J	µg/L	WA	1
		2,4-Dichlorophenoxyacetic acid		<1.1	<1.1	<1.1	1.1		µg/L	WA	0
		1,2-Dichloropropane		<5.0	<5.0	<5.0	1		µg/L	WA	0

Note: Flagging, dilution factors, modifiers, and laboratories are for fourth quarter 1994 data only. See Appendix B for flagging criteria.

- = exceeded holding time for fourth quarter 1994.
- = exceeded screening level or final PDWS for fourth quarter 1994.

Well LFW 70C continued

ANALYTICAL DATA

H	ST	Analyte	1Q94	2Q94	3Q94	4Q94	DF	Mod	Unit	Lab	Flag
		cis-1,3-Dichloropropene		<5.0	<5.0	<5.0	1		µg/L	WA	0
		trans-1,3-Dichloropropene		<5.0	<5.0	<5.0	1		µg/L	WA	0
		Endrin		<0.11	<0.11	<0.11	1.08		µg/L	WA	0
		Ethylbenzene		<5.0	<5.0	<5.0	1		µg/L	WA	0
		Fluoride		<100	<100	<100	1		µg/L	WA	0
		Gross alpha		4.4E+00	4.1E+00	3.6E+00	1		pCi/L	GP	0
		2-Hexanone		<10	<10	<10	1		µg/L	WA	0
		Iodomethane (Methyl iodide)		<10	<10	<10	1		µg/L	WA	0
		Iron, total recoverable		435	114	10	1		µg/L	WA	0
		Isobutyl alcohol		<20	<20	<20	1		µg/L	WA	0
		Lead, total recoverable		<3.0	9.2	<3.0	1		µg/L	WA	0
		Lindane		<0.055	<0.055	<0.054	1.08		µg/L	WA	0
		Lithium, total recoverable		7.5	<5.0	<5.0	1		µg/L	WA	0
		Magnesium, total recoverable		382	410	326	1		µg/L	WA	0
		Manganese, total recoverable		30	11	5.9	1		µg/L	WA	0
		Mercury, total recoverable		<0.20	<0.20	<0.20	1		µg/L	WA	0
		Methacrylonitrile		<20	<20	<20	1		µg/L	WA	0
		Methoxychlor		<0.55	<0.55	<0.54	1.08		µg/L	WA	0
		Methyl ethyl ketone		<10	<10	<10	1		µg/L	WA	0
		Methyl isobutyl ketone		<10	<10	<10	1		µg/L	WA	0
		Nickel, total recoverable		<4.0	<4.0	<4.0	1		µg/L	WA	0
		Nitrate as nitrogen		650	731	1,030	5		µg/L	WA	0
		Nonvolatile beta		4.4E+00	2.0E+00	2.9E+00	1	J	pCi/L	GP	0
		pH		6.2	4.3	4.4	1	J	pH	WA	0
		Phenols		<5.0	<5.0	<5.0	1		µg/L	WA	0
		Potassium, total recoverable		<500	<500	<500	1		µg/L	WA	0
		Propionitrile		<50	<50	<50	1		µg/L	WA	0
		Radium, total alpha-emitting				3.9E+00	1		pCi/L	GP	0
		Radium-226		9.7E-01	1.8E+00				pCi/L		
		Radium-228		1.0E+00	1.1E+00				pCi/L		
		Selenium, total recoverable		<2.0	<2.0	<2.0	1		µg/L	WA	0
		Silica, dissolved		8,860	8,530	8,610	2.1		µg/L	WA	0
		Silica, total recoverable		6,410	8,580	7,780	2.1		µg/L	WA	0
		Silver, total recoverable		<2.0	<2.0	<2.0	1		µg/L	WA	0
		Sodium, total recoverable		1,260	1,510	1,300	1		µg/L	WA	0
		Specific conductance		28	34	42	1		µS/cm	WA	0
		Styrene		<5.0	<5.0	<5.0	1		µg/L	WA	0
		Sulfate		4,280	3,970	3,860	1		µg/L	WA	0
		1,1,1,2-Tetrachloroethane		<10	<10	<10	1		µg/L	WA	0
		1,1,2,2-Tetrachloroethane		<5.0	<5.0	<5.0	1		µg/L	WA	0
		Tetrachloroethylene		<5.0	<5.0	<5.0	1		µg/L	WA	0
		Toluene		<5.0	<5.0	<5.0	1		µg/L	WA	0
		Total activity			5.7E+02				pCi/L		
		Total dissolved solids		27,000	68,000	33,000	1		µg/L	WA	0
		Total organic carbon		<1,000	<1,000	1,000	1		µg/L	WA	0
		Total organic halogens		<5.0	<5.0	6.4	1		µg/L	WA	0
		Total phosphates (as P)		<50	<50	191	1		µg/L	WA	0
		Total suspended solids		19,000	<1,000	<1,000	1		µg/L	GE	0
		Toxaphene		<1.1	<1.1	<1.1	1.08		µg/L	WA	0
		2,4,5-TP (Silvex)		<0.55	<0.56	<0.55	1.1		µg/L	WA	0
		1,1,1-Trichloroethane		<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,1,2-Trichloroethane		<5.0	<5.0	<5.0	1		µg/L	WA	0
		Trichloroethylene		<5.0	<5.0	<5.0	1		µg/L	WA	0
		Trichlorofluoromethane		<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,2,3-Trichloropropane		<10	<10	<10	1		µg/L	WA	0
		Tritium		<2.0E-01	5.0E-01	9.9E-01	1	J	pCi/mL	GP	0
		Vanadium, total recoverable		8.3	<3.0	<3.0	1		µg/L	WA	0
		Vinyl acetate		<10	<10	<10	1		µg/L	WA	0
		Xylenes		<5.0	<5.0	<5.0	1		µg/L	WA	0

Note: Flagging, dilution factors, modifiers, and laboratories are for fourth quarter 1994 data only. See Appendix B for flagging criteria.

● = exceeded holding time for fourth quarter 1994.

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WELL LFW 70D

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Screen Zone
N82316.3 E45839.8	33.282619 °N 81.705992 °W	138.3-118.3 ft msl	145.1 ft msl	2" PVC	V	U. Steed Pond

SAMPLE DATE	03/20/94	06/08/94	09/12/94
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FIELD DATA

Analyte	1Q94	2Q94	3Q94	4Q94	Unit
Water elevation		134.7	134.0	133.9	ft msl
Depth to water		10.4	11.1	11.2	ft
pH		5.1	4.9	5.0	pH
Sp. conductance		31	22	23	µS/cm
Water temperature		17.5	18.6	20.0	°C
Alkalinity as CaCO ₃		1	0	0	mg/L
Turbidity		3	0	0	NTU
Volume purged		4.8	22.9	26.2	well vol.
Sampling code					

ANALYTICAL DATA

H	ST	Analyte	1Q94	2Q94	3Q94	4Q94	DF	Mod	Unit	Lab	Flag
		Acetone	<10	<10	<10	<10	1		µg/L	WA	0
		Acetonitrile (Methyl cyanide)	<20	<20	<20	<20	1		µg/L	WA	0
		Acrolein	<10	<10	<10	<10	1		µg/L	WA	0
		Acrylonitrile	<10	<10	<10	<10	1		µg/L	WA	0
		Allyl chloride	<20	<20	<20	<20	1		µg/L	WA	0
		Aluminum, total recoverable	59	33	22	22	1		µg/L	WA	0
		Arsenic, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Barium, total recoverable	20	6.1	<4.0	<4.0	1		µg/L	WA	0
		Benzene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Boron, total recoverable	31	<52	<30	<30	1		µg/L	GE	0
		Bromodichloromethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Bromoform	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Bromomethane (Methyl bromide)	<10	<10	<10	<10	1		µg/L	WA	0
		Cadmium, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Calcium, total recoverable	1,270	513	315	315	1		µg/L	WA	0
		Carbon disulfide	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Carbon tetrachloride	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Chloride	2,340	2,070	1,940	1,940	1		µg/L	WA	0
		Chlorobenzene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Chloroethane	<10	<10	<10	<10	1		µg/L	WA	0
		Chloroethene (Vinyl chloride)	<10	<10	<10	<10	1		µg/L	WA	0
		Chloroform	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Chloromethane (Methyl chloride)	<10	1.6	13	13	1		µg/L	WA	2
		Chloroprene	<100	<100	<100	<100	1		µg/L	WA	0
		Chromium, total recoverable	<4.0	<4.0	<4.0	<4.0	1		µg/L	WA	0
		Copper, total recoverable	<4.0	<4.0	<4.0	<4.0	1		µg/L	WA	0
		Dibromochloromethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,2-Dibromo-3-chloropropane	<20	<20	<20	<20	1		µg/L	WA	0
		1,2-Dibromoethane	<20	<20	<20	<20	1		µg/L	WA	0
		Dibromomethane	<10	<10	<10	<10	1		µg/L	WA	0
		trans-1,4-Dichloro-2-butene	<100	<100	<100	<100	1		µg/L	WA	0
		Dichlorodifluoromethane	<10	1.5	<10	<10	1		µg/L	WA	0
		1,1-Dichloroethane	<5.0	1.2	1.2	1.2	1	J	µg/L	WA	0
		1,2-Dichloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,1-Dichloroethylene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,2-Dichloroethylene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Dichloromethane	25	<20	2.6	2.6	1	J	µg/L	WA	1
		2,4-Dichlorophenoxyacetic acid	<1.1	<1.1	<1.1	<1.1	1.12		µg/L	WA	0
		1,2-Dichloropropane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0

Note: Flagging, dilution factors, modifiers, and laboratories are for fourth quarter 1994 data only. See Appendix B for flagging criteria.

● = exceeded holding time for fourth quarter 1994.

■ = exceeded screening level or final PDWS for fourth quarter 1994.

Well LFW 70D continued

ANALYTICAL DATA

H	ST	Analyte	1Q94	2Q94	3Q94	4Q94	DF	Mod	Unit	Lab	Flag
		cis-1,3-Dichloropropene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		trans-1,3-Dichloropropene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Endrin	<0.11	<0.11	<0.11	<0.11	1.06		µg/L	WA	0
		Ethylbenzene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Fluoride	<100	<100	<100	<100	1		µg/L	WA	0
		Gross alpha	5.0E-01	<7.1E-01	1.2E-01	1.2E-01	1	UI	pCi/L	GP	0
		2-Hexanone	<10	<10	<10	<10	1		µg/L	WA	0
		Iodomethane (Methyl iodide)	<10	<10	<10	<10	1		µg/L	WA	0
		Iron, total recoverable	61	<23	46	46	1		µg/L	WA	0
		Isobutyl alcohol	<20	<20	<20	<20	1		µg/L	WA	0
		Lead, total recoverable	<3.0	5.4	3.9	3.9	1		µg/L	WA	0
		Lindane	<0.055	<0.055	<0.053	<0.053	1.06		µg/L	WA	0
		Lithium, total recoverable	5.2	<5.0	6.0	6.0	1		µg/L	WA	0
		Magnesium, total recoverable	707	367	285	285	1		µg/L	WA	0
		Manganese, total recoverable	12	5.4	2.8	2.8	1		µg/L	WA	0
		Mercury, total recoverable	<0.20	<0.20	<0.20	<0.20	1		µg/L	WA	0
		Methacrylonitrile	<20	<20	<20	<20	1		µg/L	WA	0
		Methoxychlor	<0.55	<0.55	<0.53	<0.53	1.06		µg/L	WA	0
		Methyl ethyl ketone	<10	<10	<10	<10	1		µg/L	WA	0
		Methyl isobutyl ketone	<10	<10	<10	<10	1		µg/L	WA	0
		Nickel, total recoverable	<4.0	<4.0	<4.0	<4.0	1		µg/L	WA	0
		Nitrate as nitrogen	48	327	<20	<20	1		µg/L	WA	0
		Nonvolatile beta	<3.8E-01	1.2E+00	9.8E-01	9.8E-01	1	UI	pCi/L	GP	0
•		pH	5.8	4.9	5.1	5.1	1	J	pH	WA	0
		Phenols	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Potassium, total recoverable	<500	<500	<500	<500	1		µg/L	WA	0
		Propionitrile	<50	<50	<50	<50	1		µg/L	WA	0
		Radium, total alpha-emitting			4.0E-01	4.0E-01	1		pCi/L	GP	0
		Radium-226	3.8E-01	2.1E-01					pCi/L		
		Radium-228	<5.0E-02	5.0E-01					pCi/L		
		Selenium, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Silica, dissolved	5,290	5,900	6,150	6,150	2.1		µg/L	WA	0
		Silica, total recoverable	5,150	5,590	4,630	4,630	2.1		µg/L	WA	0
		Silver, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Sodium, total recoverable	1,300	1,300	853	853	1		µg/L	WA	0
		Specific conductance	23	16	18	18	1		µS/cm	WA	0
		Styrene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Sulfate	4,040	<1,000	<1,000	<1,000	1		µg/L	WA	0
		1,1,1,2-Tetrachloroethane	<10	<10	<10	<10	1		µg/L	WA	0
		1,1,2,2-Tetrachloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Tetrachloroethylene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Toluene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Total activity		2.2E+03					pCi/L		
		Total dissolved solids	24,000	53,000	40,000	40,000	1		µg/L	WA	0
		Total organic carbon	<1,000	<1,000	1,300	1,300	1		µg/L	WA	0
		Total organic halogens	13	<5.0	9.9	9.9	1		µg/L	WA	0
		Total phosphates (as P)	<50	<50	213	213	1		µg/L	WA	0
		Total suspended solids	<1,000	<1,000	<1,000	<1,000	1		µg/L	GE	0
		Toxaphene	<1.1	<1.1	<1.1	<1.1	1.06		µg/L	WA	0
		2,4,5-TP (Silvex)	<0.55	<0.56	<0.56	<0.56	1.12		µg/L	WA	0
		1,1,1-Trichloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,1,2-Trichloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Trichloroethylene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Trichlorofluoromethane	<5.0	2.1	2.0	2.0	1	J	µg/L	WA	0
		1,2,3-Trichloropropane	<10	<10	<10	<10	1		µg/L	WA	0
		Tritium	2.0E+00	1.6E+00	2.2E+00	2.2E+00	1		pCi/mL	GP	0
		Vanadium, total recoverable	<3.0	<3.0	<3.0	<3.0	1		µg/L	WA	0
		Vinyl acetate	<10	<10	<10	<10	1		µg/L	WA	0
		Xylenes	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0

Note: Flagging, dilution factors, modifiers, and laboratories are for fourth quarter 1994 data only. See Appendix B for flagging criteria.

• = exceeded holding time for fourth quarter 1994.

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WELL LFW 71B

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Screen Zone
N82616.7 E46340.4	33.284100 °N 81.705258 °W	67.0-57.0 ft msl	147 ft msl	2" PVC	V	L. Steed Pond

SAMPLE DATE 03/29/94 04/05/94 09/13/94

FIELD DATA

Analyte	1Q94	2Q94	3Q94	4Q94	Unit
Water elevation		138.1	137.9	137.0	ft msl
Depth to water	8.9		9.1	10.0	ft
pH			4.0	4.1	pH
Sp. conductance			60	57	µS/cm
Water temperature			19.0	19.8	°C
Alkalinity as CaCO ₃			0	0	mg/L
Turbidity			1	0	NTU
Volume purged			2.3	5.7	well vol.
Sampling code	P				

ANALYTICAL DATA

H	ST	Analyte	1Q94	2Q94	3Q94	4Q94	DF	Mod	Unit	Lab	Flag
		Acetone			<10	<10	1		µg/L	WA	0
		Acetonitrile (Methyl cyanide)			<20	<20	1		µg/L	WA	0
		Acrolein			<10	<10	1		µg/L	WA	0
		Acrylonitrile			<10	<10	1		µg/L	WA	0
		Allyl chloride			<20	<20	1		µg/L	WA	0
		Aluminum, total recoverable			330	309	1		µg/L	WA	2
		Arsenic, total recoverable			<2.0	<2.0	1		µg/L	WA	0
		Barium, total recoverable			5.0	4.7	1		µg/L	WA	0
		Benzene			<5.0	<5.0	1		µg/L	WA	0
		Boron, total recoverable			<30,000	<30	1		µg/L	GE	0
		Bromodichloromethane			<5.0	<5.0	1		µg/L	WA	0
		Bromoform			<5.0	<5.0	1		µg/L	WA	0
		Bromomethane (Methyl bromide)			<10	<10	1		µg/L	WA	0
		Cadmium, total recoverable			<2.0	<2.0	1		µg/L	WA	0
		Calcium, total recoverable			784	732	1		µg/L	WA	0
		Carbon disulfide			<5.0	<5.0	1		µg/L	WA	0
		Carbon tetrachloride			<5.0	<5.0	1		µg/L	WA	0
		Chloride			1,680	1,740	1		µg/L	WA	0
		Chlorobenzene			<5.0	<5.0	1		µg/L	WA	0
		Chloroethane			<10	<10	1		µg/L	WA	0
		Chloroethene (Vinyl chloride)			<10	<10	1		µg/L	WA	0
		Chloroform			<5.0	<5.0	1		µg/L	WA	0
		Chloromethane (Methyl chloride)			<10	6.8	1	J	µg/L	WA	1
		Chloroprene			<100	<100	1		µg/L	WA	0
		Chromium, total recoverable			<4.0	<4.0	1		µg/L	WA	0
		Copper, total recoverable			<4.0	<4.0	1		µg/L	WA	0
		Dibromochloromethane			<5.0	<5.0	1		µg/L	WA	0
		1,2-Dibromo-3-chloropropane			<20	<20	1		µg/L	WA	0
		1,2-Dibromoethane			<20	<20	1		µg/L	WA	0
		Dibromomethane			<10	<10	1		µg/L	WA	0
		trans-1,4-Dichloro-2-butene			<100	<100	1		µg/L	WA	0
		Dichlorodifluoromethane			<10	<10	1		µg/L	WA	0
		1,1-Dichloroethane			<5.0	<5.0	1		µg/L	WA	0
		1,2-Dichloroethane			<5.0	<5.0	1		µg/L	WA	0
		1,1-Dichloroethylene			<5.0	<5.0	1		µg/L	WA	0
		trans-1,2-Dichloroethylene			<5.0	<5.0	1		µg/L	WA	0
		Dichloromethane			<5.0	<5.0	1		µg/L	WA	0
		2,4-Dichlorophenoxyacetic acid			<1.1	<1.1	1.1		µg/L	WA	0
		1,2-Dichloropropane			<5.0	<5.0	1		µg/L	WA	0

Note: Flagging, dilution factors, modifiers, and laboratories are for fourth quarter 1994 data only. See Appendix B for flagging criteria.

● = exceeded holding time for fourth quarter 1994.

■ = exceeded screening level or final PDWS for fourth quarter 1994.

Well LFW 71B continued

ANALYTICAL DATA

H	SI	Analyte	1Q94	2Q94	3Q94	4Q94	DF	Mod	Unit	Lab	Flag
		cis-1,3-Dichloropropene			<5.0	<5.0	1		µg/L	WA	0
		trans-1,3-Dichloropropene			<5.0	<5.0	1		µg/L	WA	0
		Endrin			<0.11	<0.11	1.08		µg/L	WA	0
		Ethylbenzene			<5.0	<5.0	1		µg/L	WA	0
		Fluoride			<100	<100	1		µg/L	WA	0
		Gross alpha			8.3E+00	5.2E+00	1		pCi/L	GP	0
		2-Hexanone			<10	<10	1		µg/L	WA	0
		Iodomethane (Methyl iodide)			<10	<10	1		µg/L	WA	0
		Iron, total recoverable			38	10	1		µg/L	WA	0
		Isobutyl alcohol			<20	<20	1		µg/L	WA	0
		Lead, total recoverable			3.9	<3.0	1		µg/L	WA	0
		Lindane			<0.056	<0.054	1.08		µg/L	WA	0
		Lithium, total recoverable			<5.0	<5.0	1		µg/L	WA	0
		Magnesium, total recoverable			318	334	1		µg/L	WA	0
		Manganese, total recoverable			8.8	6.8	1		µg/L	WA	0
		Mercury, total recoverable			<0.20	<0.20	1		µg/L	WA	0
		Methacrylonitrile			<20	<20	1		µg/L	WA	0
		Methoxychlor			<0.56	<0.54	1.08		µg/L	WA	0
		Methyl ethyl ketone			<10	<10	1		µg/L	WA	0
		Methyl isobutyl ketone			<10	<10	1		µg/L	WA	0
		Nickel, total recoverable			7.4	7.3	1		µg/L	WA	0
		Nitrate as nitrogen			629	608	1		pCi/L	WA	0
		Nonvolatile beta			5.1E+00	2.3E+00	1	J	pCi/L	GP	0
•		pH			6.4	4.3	1	J	pH	WA	0
		Phenols			<5.0	<5.0	1		µg/L	WA	0
		Potassium, total recoverable			<500	<500	1		µg/L	WA	0
		Propionitrile			<50	<50	1		µg/L	WA	0
		Radium, total alpha-emitting				3.6E+00	1		pCi/L	GP	0
		Radium-226			3.0E+00				pCi/L		
		Radium-228			3.0E-01				pCi/L		
		Selenium, total recoverable			<2.0	<2.0	1		µg/L	WA	0
		Silica, dissolved		9,350	9,830	9,670	2.1		µg/L	WA	0
		Silica, total recoverable			9,210	10,200	2.1		µg/L	WA	0
		Silver, total recoverable			<2.0	<2.0	1		µg/L	WA	0
		Sodium, total recoverable			1,390	1,370	1		µg/L	WA	0
		Specific conductance			51	44	1		µS/cm	WA	0
		Styrene			<5.0	<5.0	1		µg/L	WA	0
		Sulfate			7,670	6,080	1		µg/L	WA	0
		1,1,1,2-Tetrachloroethane			<10	<10	1		µg/L	WA	0
		1,1,2,2-Tetrachloroethane			<5.0	<5.0	1		µg/L	WA	0
		Tetrachloroethylene			<5.0	<5.0	1		µg/L	WA	0
		Toluene			<5.0	<5.0	1		µg/L	WA	0
		Total activity			1.6E+03	1.8E+03	1		pCi/L	EM	0
		Total dissolved solids			37,000	19,000	1		µg/L	WA	0
		Total organic carbon			<1,000	<1,000	1		µg/L	WA	0
		Total organic halogens			<5.0	<5.0	1		µg/L	WA	0
		Total phosphates (as P)			<50	<50	1		µg/L	WA	0
		Total suspended solids			2,000	<1,000	1		µg/L	GE	0
		Toxaphene			<1.1	<1.1	1.08		µg/L	WA	0
		2,4,5-TP (Silvex)			<0.54	<0.55	1.1		µg/L	WA	0
		1,1,1-Trichloroethane			<5.0	<5.0	1		µg/L	WA	0
		1,1,2-Trichloroethane			<5.0	<5.0	1		µg/L	WA	0
		Trichloroethylene			<5.0	<5.0	1		µg/L	WA	0
		Trichlorofluoromethane			<5.0	<5.0	1		µg/L	WA	0
		1,2,3-Trichloropropane			<10	<10	1		µg/L	WA	0
		Tritium			8.8E-01	5.3E-01	1	UI	pCi/mL	GP	0
		Vanadium, total recoverable			<3.0	<3.0	1		µg/L	WA	0
		Vinyl acetate			<10	<10	1		µg/L	WA	0
		Xylenes			<5.0	<5.0	1		µg/L	WA	0

Note: Flagging, dilution factors, modifiers, and laboratories are for fourth quarter 1994 data only. See Appendix B for flagging criteria.

• = exceeded holding time for fourth quarter 1994.

■ = exceeded screening level or final PDWS for fourth quarter 1994.

WELL LFW 71C

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Screen Zone
N82615.8 E46329.8	33.284081 °N 81.705284 °W	90.4-80.4 ft msl	147.2 ft msl	2" PVC	V	M. Steed Pond

SAMPLE DATE	03/29/94	04/05/94	09/13/94
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FIELD DATA

Analyte	1Q94	2Q94	3Q94	4Q94	Unit
Water elevation		138.2	137.9	137.0	ft msl
Depth to water		9.0	9.3	10.2	ft
pH			4.8	4.4	pH
Sp. conductance			38	43	µS/cm
Water temperature			19.4	19.5	°C
Alkalinity as CaCO ₃			0	0	mg/L
Turbidity			1	0	NTU
Volume purged			2.9	5.8	well vol.
Sampling code	P				

ANALYTICAL DATA

H	ST	Analyte	1Q94	2Q94	3Q94	4Q94	DF	Mod	Unit	Lab	Flag
		Acetone			<10	<10	1		µg/L	WA	0
		Acetonitrile (Methyl cyanide)			<20	<20	1		µg/L	WA	0
		Acrolein			<10	<10	1		µg/L	WA	0
		Acrylonitrile			<10	<10	1		µg/L	WA	0
		Allyl chloride			<20	<20	1		µg/L	WA	0
		Aluminum, total recoverable			104	<101	1	J	µg/L	WA	0
		Arsenic, total recoverable			<2.0	<2.0	1		µg/L	WA	0
		Barium, total recoverable			11	7.4	1		µg/L	WA	0
		Benzene			<5.0	<5.0	1		µg/L	WA	0
		Boron, total recoverable			<30,000	<30	1		µg/L	GE	0
		Bromodichloromethane			<5.0	<5.0	1		µg/L	WA	0
		Bromoform			<5.0	<5.0	1		µg/L	WA	0
		Bromomethane (Methyl bromide)			<10	<10	1		µg/L	WA	0
		Cadmium, total recoverable			<2.0	<2.0	1		µg/L	WA	0
		Calcium, total recoverable			1,320	1,050	1		µg/L	WA	0
		Carbon disulfide			<5.0	<5.0	1		µg/L	WA	0
		Carbon tetrachloride			<5.0	<5.0	1		µg/L	WA	0
		Chloride			2,250	2,270	1		µg/L	WA	0
		Chlorobenzene			<5.0	<5.0	1		µg/L	WA	0
		Chloroethane			<10	<10	1		µg/L	WA	0
		Chloroethene (Vinyl chloride)			<10	<10	1		µg/L	WA	0
		Chloroform			<5.0	<5.0	1		µg/L	WA	0
		Chloromethane (Methyl chloride)			5.7	13	1		µg/L	WA	2
		Chloroprene			<100	<100	1		µg/L	WA	0
		Chromium, total recoverable			<4.0	<4.0	1		µg/L	WA	0
		Copper, total recoverable			<4.0	<4.0	1		µg/L	WA	0
		Dibromochloromethane			<5.0	<5.0	1		µg/L	WA	0
		1,2-Dibromo-3-chloropropane			<20	<20	1		µg/L	WA	0
		1,2-Dibromoethane			<20	<20	1		µg/L	WA	0
		Dibromomethane			<10	<10	1		µg/L	WA	0
		trans-1,4-Dichloro-2-butene			<100	<100	1		µg/L	WA	0
		Dichlorodifluoromethane			<10	<10	1		µg/L	WA	0
		1,1-Dichloroethane			<5.0	<5.0	1		µg/L	WA	0
		1,2-Dichloroethane			<5.0	<5.0	1		µg/L	WA	0
		1,1-Dichloroethylene			<5.0	<5.0	1		µg/L	WA	0
		trans-1,2-Dichloroethylene			<5.0	<5.0	1		µg/L	WA	0
		Dichloromethane			<5.0	<5.0	1		µg/L	WA	0
		2,4-Dichlorophenoxyacetic acid			<1.1	<1.1	1.09		µg/L	WA	0
		1,2-Dichloropropane			<5.0	<5.0	1		µg/L	WA	0

Note: Flagging, dilution factors, modifiers, and laboratories are for fourth quarter 1994 data only. See Appendix B for flagging criteria.

- = exceeded holding time for fourth quarter 1994.
- = exceeded screening level or final PDWS for fourth quarter 1994.

Well LFW 71C continued

ANALYTICAL DATA

H	ST	Analyte	1Q94	2Q94	3Q94	4Q94	DF	Mod	Unit	Lab	Flag
		cis-1,3-Dichloropropene			<5.0	<5.0	1		µg/L	WA	0
		trans-1,3-Dichloropropene			<5.0	<5.0	1		µg/L	WA	0
		Endrin			<0.11	<0.11	1.09		µg/L	WA	0
		Ethylbenzene			<5.0	<5.0	1		µg/L	WA	0
		Fluoride			<100	<100	1		µg/L	WA	0
		Gross alpha			6.9E+00	4.0E+00	1		pCi/L	GP	0
		2-Hexanone			<10	<10	1		µg/L	WA	0
		Iodomethane (Methyl iodide)			<10	<10	1		µg/L	WA	0
		Iron, total recoverable			57	9.3	1		µg/L	WA	0
		Isobutyl alcohol			<20	<20	1		µg/L	WA	0
		Lead, total recoverable			6.5	<3.0	1		µg/L	WA	0
		Lindane			<0.055	<0.055	1.09		µg/L	WA	0
		Lithium, total recoverable			<5.0	<5.0	1		µg/L	WA	0
		Magnesium, total recoverable			764	645	1		µg/L	WA	0
		Manganese, total recoverable			9.5	4.5	1		µg/L	WA	0
		Mercury, total recoverable			<0.20	<0.20	1		µg/L	WA	0
		Methacrylonitrile			<20	<20	1		µg/L	WA	0
		Methoxychlor			<0.55	<0.55	1.09		µg/L	WA	0
		Methyl ethyl ketone			<10	<10	1		µg/L	WA	0
		Methyl isobutyl ketone			<10	<10	1		µg/L	WA	0
		Nickel, total recoverable			<4.0	<4.0	1		µg/L	WA	0
		Nitrate as nitrogen			1,800	855	5		µg/L	WA	0
		Nonvolatile beta			3.6E+00	1.6E+00	1	J	pCi/L	GP	0
•		pH			5.4	4.7	1	J	pH	WA	0
		Phenols			<5.0	<5.0	1		µg/L	WA	0
		Potassium, total recoverable			<500	<500	1		µg/L	WA	0
		Propionitrile			<50	<50	1		µg/L	WA	0
		Radium, total alpha-emitting				3.7E+00	1		pCi/L	GP	0
		Radium-226			2.6E+00				pCi/L		
		Radium-228			1.9E+00				pCi/L		
		Selenium, total recoverable			<2.0	<2.0	1		µg/L	WA	0
		Silica, dissolved			8,700	8,760	2.1		µg/L	WA	0
		Silica, total recoverable			8,660	8,650	2.1		µg/L	WA	0
		Silver, total recoverable			<2.0	<2.0	1		µg/L	WA	0
		Sodium, total recoverable			2,040	1,600	1		µg/L	WA	0
		Specific conductance			34	34	1		µS/cm	WA	0
		Styrene			<5.0	<5.0	1		µg/L	WA	0
		Sulfate			1,650	1,580	1		µg/L	WA	0
		1,1,1,2-Tetrachloroethane			<10	<10	1		µg/L	WA	0
		1,1,2,2-Tetrachloroethane			<5.0	<5.0	1		µg/L	WA	0
		Tetrachloroethylene			<5.0	<5.0	1		µg/L	WA	0
		Toluene			<5.0	<5.0	1		µg/L	WA	0
		Total activity			2.8E+03	2.1E+03	1		pCi/L	EM	0
		Total dissolved solids			40,000	13,000	1		µg/L	WA	0
		Total organic carbon			<1,000	<1,000	1		µg/L	WA	0
		Total organic halogens			<5.0	<5.0	1		µg/L	WA	0
		Total phosphates (as P)			<50	211	1		µg/L	WA	0
		Total suspended solids			<1,000	<1,000	1		µg/L	GE	0
		Toxaphene			<1.1	<1.1	1.09		µg/L	WA	0
		2,4,5-TP (Silvex)			<0.55	<0.55	1.09		µg/L	WA	0
		1,1,1-Trichloroethane			<5.0	<5.0	1		µg/L	WA	0
		1,1,2-Trichloroethane			<5.0	<5.0	1		µg/L	WA	0
		Trichloroethylene			<5.0	<5.0	1		µg/L	WA	0
		Trichlorofluoromethane			<5.0	<5.0	1		µg/L	WA	0
		1,2,3-Trichloropropane			<10	<10	1		µg/L	WA	0
		Tritium			1.8E+00	1.5E+00	1		pCi/mL	GP	0
		Vanadium, total recoverable			<3.0	<3.0	1		µg/L	WA	0
		Vinyl acetate			<10	<10	1		µg/L	WA	0
		Xylenes			<5.0	<5.0	1		µg/L	WA	0

Note: Flagging, dilution factors, modifiers, and laboratories are for fourth quarter 1994 data only. See Appendix B for flagging criteria.

• = exceeded holding time for fourth quarter 1994.

■ = exceeded screening level or final PDWS for fourth quarter 1994.

WELL LFW 71D

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Screen Zone
N82615.1 E46319.8	33.284063 °N 81.705309 °W	135.5-115.5 ft msl	147.4 ft msl	2" PVC	V	U. Steed Pond

SAMPLE DATE	03/29/94	06/06/94	09/13/94
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FIELD DATA

Analyte	1Q94	2Q94	3Q94	4Q94	Unit
Water elevation		137.7	136.3	136.2	ft msl
Depth to water		9.7	11.1	11.2	ft
pH		5.1	4.8	4.9	pH
Sp. conductance		20	21	22	µS/cm
Water temperature		16.9	19.7	19.4	°C
Alkalinity as CaCO ₃		2	0	0	mg/L
Turbidity		2	5	0	NTU
Volume purged		3.8	18.5	15.3	well vol.
Sampling code					

ANALYTICAL DATA

H	ST	Analyte	1Q94	2Q94	3Q94	4Q94	DF	Mod	Unit	Lab	Flag
		Acetone		<110	<10	<10	1		µg/L	WA	0
		Acetonitrile (Methyl cyanide)		<20	<20	<20	1		µg/L	WA	0
		Acrolein		<10	<10	<10	1		µg/L	WA	0
		Acrylonitrile		<10	<10	<10	1		µg/L	WA	0
		Allyl chloride		<20	<20	<20	1		µg/L	WA	0
		Aluminum, total recoverable		<103	46	<101	1	J	µg/L	WA	0
		Arsenic, total recoverable		<2.0	<2.0	<2.0	1		µg/L	WA	0
		Barium, total recoverable		6.2	4.1	4.1	1		µg/L	WA	0
		Benzene		<5.0	<5.0	<5.0	1		µg/L	WA	0
		Boron, total recoverable		<30	<52	<30	1		µg/L	GE	0
		Bromodichloromethane		<5.0	<5.0	<5.0	1		µg/L	WA	0
		Bromoform		<5.0	<5.0	<5.0	1		µg/L	WA	0
		Bromomethane (Methyl bromide)		<10	<10	<10	1		µg/L	WA	0
		Cadmium, total recoverable		<2.0	<2.0	<2.0	1		µg/L	WA	0
		Calcium, total recoverable		615	304	317	1		µg/L	WA	0
		Carbon disulfide		<5.0	<5.0	<5.0	1		µg/L	WA	0
		Carbon tetrachloride		<5.0	<5.0	<5.0	1		µg/L	WA	0
		Chloride		1,840	2,130	2,430	1		µg/L	WA	0
		Chlorobenzene		<5.0	<5.0	<5.0	1		µg/L	WA	0
		Chloroethane		<10	<10	<10	1		µg/L	WA	0
		Chloroethene (Vinyl chloride)		<10	<10	<10	1		µg/L	WA	0
		Chloroform		<5.0	<5.0	<5.0	1		µg/L	WA	0
		Chloromethane (Methyl chloride)		4.8	14	26	1		µg/L	WA	2
		Chloroprene		<100	<100	<100	1		µg/L	WA	0
		Chromium, total recoverable		<4.0	<4.0	<4.0	1		µg/L	WA	0
		Copper, total recoverable		<4.0	<4.0	<4.0	1		µg/L	WA	0
		Dibromochloromethane		<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,2-Dibromo-3-chloropropane		<20	<20	<20	1		µg/L	WA	0
		1,2-Dibromoethane		<20	<20	<20	1		µg/L	WA	0
		Dibromomethane		<10	<10	<10	1		µg/L	WA	0
		trans-1,4-Dichloro-2-butene		<100	<100	<100	1		µg/L	WA	0
		Dichlorodifluoromethane		1.8	7.0	9.8	1		µg/L	WA	1
		1,1-Dichloroethane		<5.0	5.8	12	1		µg/L	WA	2
		1,2-Dichloroethane		<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,1-Dichloroethylene		<5.0	<5.0	1.5	1	J	µg/L	WA	0
		1,2-Dichloroethylene		<5.0	<5.0	<5.0	1		µg/L	WA	0
		Dichloromethane		<60	<73	<5.0	1		µg/L	WA	0
		2,4-Dichlorophenoxyacetic acid		<1.1	<1.1	<1.1	1.1		µg/L	WA	0
		1,2-Dichloropropane		<5.0	<5.0	<5.0	1		µg/L	WA	0

Note: Flagging, dilution factors, modifiers, and laboratories are for fourth quarter 1994 data only. See Appendix B for flagging criteria.

● = exceeded holding time for fourth quarter 1994.

■ = exceeded screening level or final PDWS for fourth quarter 1994.

Well LFW 71D continued

ANALYTICAL DATA

H	ST	Analyte	1Q94	2Q94	3Q94	4Q94	DF	Mod	Unit	Lab	Flag
		cis-1,3-Dichloropropene		<5.0	<5.0	<5.0	1		µg/L	WA	0
		trans-1,3-Dichloropropene		<5.0	<5.0	<5.0	1		µg/L	WA	0
		Endrin		<0.10	<0.11	<0.11	1.08		µg/L	WA	0
		Ethylbenzene		<5.0	<5.0	<5.0	1		µg/L	WA	0
		Fluoride		<100	<100	<100	1		µg/L	WA	0
		Gross alpha			7.0E-01	-4.4E-02	1	UI	pCi/L	GP	0
		2-Hexanone		<10	<10	<10	1		µg/L	WA	0
		Iodomethane (Methyl iodide)		<10	<10	<10	1		µg/L	WA	0
		Iron, total recoverable		23	100	11	1		µg/L	WA	0
		Isobutyl alcohol		<20	<20	<20	1		µg/L	WA	0
		Lead, total recoverable		<3.0	4.5	<3.0	1		µg/L	WA	0
		Lindane		<0.052	<0.056	<0.054	1.08		µg/L	WA	0
		Lithium, total recoverable		<5.0	<5.0	<5.0	1		µg/L	WA	0
		Magnesium, total recoverable		401	341	419	1		µg/L	WA	0
		Manganese, total recoverable		3.7	3.6	2.8	1		µg/L	WA	0
		Mercury, total recoverable		<0.20	<0.20	<0.20	1		µg/L	WA	0
		Methacrylonitrile		<20	<20	<20	1		µg/L	WA	0
		Methoxychlor		<0.52	<0.56	<0.54	1.08		µg/L	WA	0
		Methyl ethyl ketone		<10	<10	<10	1		µg/L	WA	0
		Methyl isobutyl ketone		<10	<10	<10	1		µg/L	WA	0
		Nickel, total recoverable		<4.0	<4.0	<4.0	1		µg/L	WA	0
		Nitrate as nitrogen		24	47	72	1		µg/L	WA	0
		Nonvolatile beta				3.3E-01	1	UI	pCi/L	GP	0
●		pH		5.2	5.7	5.0	1	J	pH	WA	0
		Phenols		<5.0	<5.0	<5.0	1		µg/L	WA	0
		Potassium, total recoverable		<500	<500	<500	1		µg/L	WA	0
		Propionitrile		<50	<50	<50	1		µg/L	WA	0
		Radium, total alpha-emitting				-1.0E-01	1	UI	pCi/L	GP	0
		Radium-228			8.0E-01				pCi/L		
		Selenium, total recoverable		<2.0	<2.0	<2.0	1		µg/L	WA	0
		Silica, dissolved		5,450	5,640	6,660	2.1		µg/L	WA	0
		Silica, total recoverable		5,220	6,160	6,680	2.1		µg/L	WA	0
		Silver, total recoverable		<2.0	<2.0	<2.0	1		µg/L	WA	0
		Sodium, total recoverable		1,460	1,440	1,320	1		µg/L	WA	0
		Specific conductance		17	15	17	1		µS/cm	WA	0
		Styrene		<5.0	<5.0	<5.0	1		µg/L	WA	0
		Sulfate		1,750	<1,000	<1,000	1		µg/L	WA	0
		1,1,1,2-Tetrachloroethane		<10	<10	<10	1		µg/L	WA	0
		1,1,2,2-Tetrachloroethane		<5.0	<5.0	<5.0	1		µg/L	WA	0
		Tetrachloroethylene		<5.0	<5.0	2.2	1	J	µg/L	WA	0
		Toluene		<5.0	<5.0	<5.0	1		µg/L	WA	0
		Total activity			4.7E+03	5.3E+03	1		pCi/L	EM	0
		Total dissolved solids		20,000	26,000	1,000	1		µg/L	WA	0
		Total organic carbon		<1,000	<1,000	<1,000	1		µg/L	WA	0
		Total organic halogens		12	35	89	2		µg/L	WA	2
		Total phosphates (as P)		<50	<50	<50	1		µg/L	WA	0
		Total suspended solids		<1,000	<1,000	<1,000	1		µg/L	GE	0
		Toxaphene		<1.0	<1.1	<1.1	1.08		µg/L	WA	0
		2,4,5-TP (Silvex)		<0.55	<0.56	<0.55	1.1		µg/L	WA	0
		1,1,1-Trichloroethane		1.3	3.7	9.6	1		µg/L	WA	0
		1,1,2-Trichloroethane		<5.0	<5.0	<5.0	1		µg/L	WA	0
■		Trichloroethylene		<5.0	1.7	5.2	1		µg/L	WA	2
		Trichlorofluoromethane		3.4	18	24	1		µg/L	WA	2
		1,2,3-Trichloropropane		<10	<10	<10	1		µg/L	WA	0
		Tritium			4.7E+00	4.5E+00	1		pCi/mL	GP	0
		Vanadium, total recoverable		<3.0	<3.0	<3.0	1		µg/L	WA	0
		Vinyl acetate		<10	<10	<10	1		µg/L	WA	0
		Xylenes		<5.0	<5.0	<5.0	1		µg/L	WA	0

Note: Flagging, dilution factors, modifiers, and laboratories are for fourth quarter 1994 data only. See Appendix B for flagging criteria.

● = exceeded holding time for fourth quarter 1994.

■ = exceeded screening level or final PDWS for fourth quarter 1994.

WELL LFW 72B

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Screen Zone
N82872.1 E46944.3	33.285651 °N 81.704165 °W	60.9-50.9 ft msl	150.1 ft msl	2" PVC	V	L. Steed Pond

SAMPLE DATE	03/29/94	06/07/94	09/26/94
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FIELD DATA

Analyte	1Q94	2Q94	3Q94	4Q94	Unit
Water elevation		138.7	137.6	137.2	ft msl
Depth to water		11.5	12.5	12.9	ft
pH		5.1		4.2	pH
Sp. conductance		45		47	µS/cm
Water temperature		19.2		19.8	°C
Alkalinity as CaCO ₃		0		0	mg/L
Turbidity		1		1	NTU
Volume purged		8.6		2.7	well vol.
Sampling code			P		

ANALYTICAL DATA

H	ST	Analyte	1Q94	2Q94	3Q94	4Q94	DF	Mod	Unit	Lab	Flag
		Acetone		<110		<10	1		µg/L	WA	0
		Acetonitrile (Methyl cyanide)		<20		<20	1		µg/L	WA	0
		Acrolein		<10		<10	1		µg/L	WA	0
		Acrylonitrile		<10		<10	1		µg/L	WA	0
		Allyl chloride		<20		<20	1		µg/L	WA	0
		Aluminum, total recoverable		<103		110	1		µg/L	WA	2
		Arsenic, total recoverable		<2.0		<2.0	1		µg/L	WA	0
		Barium, total recoverable		12		9.0	1		µg/L	WA	0
		Benzene		<5.0		<5.0	1		µg/L	WA	0
		Boron, total recoverable		<30					µg/L		
		Bromodichloromethane		<5.0		<5.0	1		µg/L	WA	0
		Bromoform		<5.0		<5.0	1		µg/L	WA	0
		Bromomethane (Methyl bromide)		<10		<10	1		µg/L	WA	0
		Cadmium, total recoverable		<2.0		<2.0	1		µg/L	WA	0
		Calcium, total recoverable		1,520		1,120	1		µg/L	WA	0
		Carbon disulfide		<5.0		<5.0	1		µg/L	WA	0
		Carbon tetrachloride		<5.0		<5.0	1		µg/L	WA	0
		Chloride		1,810					µg/L		
		Chlorobenzene		<5.0		<5.0	1		µg/L	WA	0
		Chloroethane		<10		<10	1		µg/L	WA	0
		Chloroethene (Vinyl chloride)		<10		<10	1		µg/L	WA	0
		Chloroform		<5.0		<5.0	1		µg/L	WA	0
		Chloromethane (Methyl chloride)		1.0		13	1		µg/L	WA	2
		Chloroprene		<100		<100	1		µg/L	WA	0
		Chromium, total recoverable		<4.0		<4.0	1		µg/L	WA	0
		Copper, total recoverable		<4.0		<4.0	1		µg/L	WA	0
		Dibromochloromethane		<5.0		<5.0	1		µg/L	WA	0
		1,2-Dibromo-3-chloropropane		<20		<20	1		µg/L	WA	0
		1,2-Dibromoethane		<20		<20	1		µg/L	WA	0
		Dibromomethane		<10		<10	1		µg/L	WA	0
		trans-1,4-Dichloro-2-butene		<100		<100	1		µg/L	WA	0
		Dichlorodifluoromethane		<10		<10	1		µg/L	WA	0
		1,1-Dichloroethane		<5.0		<5.0	1		µg/L	WA	0
		1,2-Dichloroethane		<5.0		<5.0	1		µg/L	WA	0
		1,1-Dichloroethylene		<5.0		<5.0	1		µg/L	WA	0
		1,2-Dichloroethylene		<5.0		<5.0	1		µg/L	WA	0
		Dichloromethane		<60		<5.0	1		µg/L	WA	0
		2,4-Dichlorophenoxyacetic acid		<1.1		<1.1	1.1		µg/L	WA	0
		1,2-Dichloropropane		<5.0		<5.0	1		µg/L	WA	0

Note: Flagging, dilution factors, modifiers, and laboratories are for fourth quarter 1994 data only. See Appendix B for flagging criteria.

● = exceeded holding time for fourth quarter 1994.

■ = exceeded screening level or final PDWS for fourth quarter 1994.

Well LFW 72B continued

ANALYTICAL DATA

H	ST	Analyte	1Q94	2Q94	3Q94	4Q94	DF	Mod	Unit	Lab	Flag
		cis-1,3-Dichloropropene		<5.0		<5.0	1		µg/L	WA	0
		trans-1,3-Dichloropropene		<5.0		<5.0	1		µg/L	WA	0
		Endrin		<0.11		<0.11	1.08		µg/L	WA	0
		Ethylbenzene		<5.0		<5.0	1		µg/L	WA	0
		Fluoride		<100					µg/L		
		2-Hexanone		<10		<10	1		µg/L	WA	0
		Iodomethane (Methyl iodide)		<10		<10	1		µg/L	WA	0
		Iron, total recoverable		53		19	1		µg/L	WA	0
		Isobutyl alcohol		<20		<20	1		µg/L	WA	0
		Lead, total recoverable		<3.0		3.7	1		µg/L	WA	0
		Lindane		<0.052		<0.054	1.08		µg/L	WA	0
		Lithium, total recoverable		<5.0		<5.0	1		µg/L	WA	0
		Magnesium, total recoverable		582		592	1		µg/L	WA	0
		Manganese, total recoverable		25		14	1		µg/L	WA	0
		Mercury, total recoverable		<0.20		<0.20	1		µg/L	WA	0
		Methacrylonitrile		<20		<20	1		µg/L	WA	0
		Methoxychlor		<0.53		<0.54	1.08		µg/L	WA	0
		Methyl ethyl ketone		<10		<10	1		µg/L	WA	0
		Methyl isobutyl ketone		<10		<10	1		µg/L	WA	0
		Nickel, total recoverable		8.5		7.5	1		µg/L	WA	0
		Nitrate as nitrogen		900					µg/L		
		pH		4.9					pH		
		Phenols		<5.0					µg/L		
		Potassium, total recoverable		<500		<500	1		µg/L	WA	0
		Propionitrile		<50		<50	1		µg/L	WA	0
		Selenium, total recoverable		<2.0		<2.0	1		µg/L	WA	0
		Silica, dissolved				8,450	2.1		µg/L	WA	0
		Silica, total recoverable		9,410		8,720	2.1		µg/L	WA	0
		Silver, total recoverable		<2.0		<2.0	1		µg/L	WA	0
		Sodium, total recoverable		2,610		1,440	1		µg/L	WA	0
		Specific conductance		36					µS/cm		
		Styrene		<5.0		<5.0	1		µg/L	WA	0
		Sulfate		33,700					µg/L		
		1,1,1,2-Tetrachloroethane		<10		<10	1		µg/L	WA	0
		1,1,2,2-Tetrachloroethane		<5.0		<5.0	1		µg/L	WA	0
		Tetrachloroethylene		<5.0		<5.0	1		µg/L	WA	0
		Toluene		<5.0		<5.0	1		µg/L	WA	0
		Total activity				2.2E+03	1		pCi/L	EM	0
		Total dissolved solids		113,000					µg/L		
		Total organic carbon		<1,000					µg/L		
		Total organic halogens		<5.0					µg/L		
		Total phosphates (as P)		<50					µg/L		
		Total suspended solids		<1,000					µg/L		
		Toxaphene		<1.1		<1.1	1.08		µg/L	WA	0
		2,4,5-TP (Silvex)		<0.55		<0.55	1.1		µg/L	WA	0
		1,1,1-Trichloroethane		<5.0		<5.0	1		µg/L	WA	0
		1,1,2-Trichloroethane		<5.0		<5.0	1		µg/L	WA	0
		Trichloroethylene		<5.0		<5.0	1		µg/L	WA	0
		Trichlorofluoromethane		<5.0		<5.0	1		µg/L	WA	0
		1,2,3-Trichloropropane		<10		<10	1		µg/L	WA	0
		Vanadium, total recoverable		<3.0		<3.0	1		µg/L	WA	0
		Vinyl acetate		<10		<10	1		µg/L	WA	0
		Xylenes		<5.0		<5.0	1		µg/L	WA	0

Note: Flagging, dilution factors, modifiers, and laboratories are for fourth quarter 1994 data only. See Appendix B for flagging criteria.

● = exceeded holding time for fourth quarter 1994.

■ = exceeded screening level or final PDWS for fourth quarter 1994.

WELL LFW 72C

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Screen Zone
N82875.8 E46937.1	33.285647 °N 81.704191 °W	97.8-87.8 ft msl	150.2 ft msl	2" PVC	V	M. Steed Pond

SAMPLE DATE	03/29/94	06/07/94	09/14/94
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FIELD DATA

Analyte	1Q94	2Q94	3Q94	4Q94	Unit
Water elevation		138.3	136.8	136.2	ft msl
Depth to water		11.9	13.4	14.0	ft
pH		6.2	5.1	5.1	pH
Sp. conductance		50	34	29	µS/cm
Water temperature		18.8	19.2	19.4	°C
Alkalinity as CaCO ₃		9	1	0	mg/L
Turbidity		3	0	0	NTU
Volume purged		3.7	6.7	6.2	well vol.
Sampling code					

ANALYTICAL DATA

H	ST	Analyte	1Q94	2Q94	3Q94	4Q94	DF	Mod	Unit	Lab	Flag
		Acetone	<10	<10	<10	<10	1		µg/L	WA	0
		Acetonitrile (Methyl cyanide)	<20	<20	<20	<20	1		µg/L	WA	0
		Acrolein	<10	<10	<10	<10	1		µg/L	WA	0
		Acrylonitrile	<10	<10	<10	<10	1		µg/L	WA	0
		Allyl chloride	<20	<20	<20	<20	1		µg/L	WA	0
		Aluminum, total recoverable	<103	28	<20	<20	1		µg/L	WA	0
		Arsenic, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Barium, total recoverable	8.7	8.4	7.0	7.0	1		µg/L	WA	0
		Benzene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Boron, total recoverable	<30	<52	<30	<30	1		µg/L	GE	0
		Bromodichloromethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Bromoform	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Bromomethane (Methyl bromide)	<10	<10	<10	<10	1		µg/L	WA	0
		Cadmium, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Calcium, total recoverable	2,230	1,160	846	846	1		µg/L	WA	0
		Carbon disulfide	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Carbon tetrachloride	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Chloride	2,320	2,290	2,750	2,750	1		µg/L	WA	0
		Chlorobenzene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Chloroethane	<10	<10	<10	<10	1		µg/L	WA	0
		Chloroethene (Vinyl chloride)	<10	<10	<10	<10	1		µg/L	WA	0
		Chloroform	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Chloromethane (Methyl chloride)	1.1	2.4	9.4	9.4	1	J	µg/L	WA	1
		Chloroprene	<100	<100	<100	<100	1		µg/L	WA	0
		Chromium, total recoverable	<4.0	<4.0	<4.0	<4.0	1		µg/L	WA	0
		Copper, total recoverable	<4.0	6.2	<4.0	<4.0	1		µg/L	WA	0
		Dibromochloromethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,2-Dibromo-3-chloropropane	<20	<20	<20	<20	1		µg/L	WA	0
		1,2-Dibromoethane	<20	<20	<20	<20	1		µg/L	WA	0
		Dibromomethane	<10	<10	<10	<10	1		µg/L	WA	0
		trans-1,4-Dichloro-2-butene	<100	<100	<100	<100	1		µg/L	WA	0
		Dichlorodifluoromethane	<10	<10	<10	<10	1		µg/L	WA	0
		1,1-Dichloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,2-Dichloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,1-Dichloroethylene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,2-Dichloroethylene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Dichloromethane	<60	<5.0	<5.0	<5.0	1		µg/L	WA	0
		2,4-Dichlorophenoxyacetic acid	<1.1	<1.1	<1.1	<1.1	1.11		µg/L	WA	0
		1,2-Dichloropropane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0

Note: Flagging, dilution factors, modifiers, and laboratories are for fourth quarter 1994 data only. See Appendix B for flagging criteria.

● = exceeded holding time for fourth quarter 1994.

■ = exceeded screening level or final PDWS for fourth quarter 1994.

Well LFW 72C continued

ANALYTICAL DATA

H	ST	Analyte	1Q94	2Q94	3Q94	4Q94	DF	Mod	Unit	Lab	Flag
		cis-1,3-Dichloropropene		<5.0	<5.0	<5.0	1		µg/L	WA	0
		trans-1,3-Dichloropropene		<5.0	<5.0	<5.0	1		µg/L	WA	0
		Endrin		<0.10	<0.11	<0.11	1.1		µg/L	WA	0
		Ethylbenzene		<5.0	<5.0	<5.0	1		µg/L	WA	0
		Fluoride		<100	<100	<100	1		µg/L	WA	0
		Gross alpha			<7.6E-01	1.1E+00	1	J	pCi/L	GP	0
		2-Hexanone		<10	<10	<10	1		µg/L	WA	0
		Iodomethane (Methyl iodide)		<10	<10	<10	1		µg/L	WA	0
		Iron, total recoverable		54	17	9.7	1		µg/L	WA	0
		Isobutyl alcohol		<20	<20	<20	1		µg/L	WA	0
		Lead, total recoverable		<3.0	8.5	<3.0	1		µg/L	WA	0
		Lindane		<0.052	<0.055	<0.055	1.1		µg/L	WA	0
		Lithium, total recoverable		6.8	<5.0	<5.0	1		µg/L	WA	0
		Magnesium, total recoverable		552	751	676	1		µg/L	WA	0
		Manganese, total recoverable		26	17	8.3	1		µg/L	WA	0
•		Mercury, total recoverable		<0.20	<0.20	<0.20	1	J	µg/L	WA	0
		Methacrylonitrile		<20	<20	<20	1		µg/L	WA	0
		Methoxychlor		<0.52	<0.55	<0.55	1.1		µg/L	WA	0
		Methyl ethyl ketone		<10	<10	<10	1		µg/L	WA	0
		Methyl isobutyl ketone		<10	<10	<10	1		µg/L	WA	0
		Nickel, total recoverable		<4.0	<4.0	<4.0	1		µg/L	WA	0
		Nitrate as nitrogen		1,160	1,040	1,060	5		µg/L	WA	0
•		Nonvolatile beta			1.1E+00	1.3E+00	1	UI	pCi/L	GP	0
		pH		6.0	5.3	5.4	1	J	pH	WA	0
		Phenols		<5.0	<5.0	<5.0	1		µg/L	WA	0
		Potassium, total recoverable		<500	<500	<500	1		µg/L	WA	0
		Propionitrile		<50	<50	<50	1		µg/L	WA	0
		Radium, total alpha-emitting				1.7E+00	1		pCi/L	GP	0
		Radium-226			2.5E+00				pCi/L		
		Radium-228			5.3E+00				pCi/L		
		Selenium, total recoverable		<2.0	<2.0	<2.0	1		µg/L	WA	0
		Silica, dissolved		7,040	6,580	7,450	2.1		µg/L	WA	0
		Silica, total recoverable		6,750	6,660	6,930	2.1		µg/L	WA	0
		Silver, total recoverable		<2.0	<2.0	<2.0	1		µg/L	WA	0
		Sodium, total recoverable		3,300	1,730	1,330	1		µg/L	WA	0
		Specific conductance		36	25	25	1		µS/cm	WA	0
		Styrene		<5.0	<5.0	<5.0	1		µg/L	WA	0
		Sulfate		1,490	<1,000	<1,000	1		µg/L	WA	0
		1,1,1,2-Tetrachloroethane		<10	<10	<10	1		µg/L	WA	0
		1,1,2,2-Tetrachloroethane		<5.0	<5.0	<5.0	1		µg/L	WA	0
		Tetrachloroethylene		<5.0	<5.0	<5.0	1		µg/L	WA	0
		Toluene		<5.0	<5.0	<5.0	1		µg/L	WA	0
		Total activity			2.6E+03	2.4E+03	1		pCi/L	EM	0
		Total dissolved solids		24,000	21,000	26,000	1		µg/L	WA	0
		Total organic carbon		<1,000	<1,000	<1,000	1		µg/L	WA	0
		Total organic halogens		<5.0	6.6	<5.0	1		µg/L	WA	0
		Total phosphates (as P)		<50	<50	3,240	10		µg/L	WA	0
		Total suspended solids		<1,000	<1,000	<1,000	1		µg/L	GE	0
		Toxaphene		<1.0	<1.1	<1.1	1.1		µg/L	WA	0
		2,4,5-TP (Silvex)		<0.53	<0.55	<0.56	1.11		µg/L	WA	0
		1,1,1-Trichloroethane		<5.0	<5.0	1.6	1	J	µg/L	WA	0
		1,1,2-Trichloroethane		<5.0	<5.0	<5.0	1		µg/L	WA	0
		Trichloroethylene		<5.0	<5.0	<5.0	1		µg/L	WA	0
		Trichlorofluoromethane		1.2	1.5	3.8	1	J	µg/L	WA	0
		1,2,3-Trichloropropane		<10	<10	<10	1		µg/L	WA	0
		Tritium			2.9E+00	2.8E+00	1		pCi/mL	GP	0
		Vanadium, total recoverable		<3.0	<3.0	<3.0	1		µg/L	WA	0
		Vinyl acetate		<10	<10	<10	1		µg/L	WA	0
		Xylenes		<5.0	<5.0	<5.0	1		µg/L	WA	0

Note: Flagging, dilution factors, modifiers, and laboratories are for fourth quarter 1994 data only. See Appendix B for flagging criteria.

• = exceeded holding time for fourth quarter 1994.

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WELL LFW 72D

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Screen Zone
N82881.5 E46943.0	33.285669 °N 81.704186 °W	140.0-120.0 ft msl	150.2 ft msl	2" PVC	V	U. Steed Pond

SAMPLE DATE	03/29/94	06/07/94	09/14/94
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FIELD DATA

Analyte	1Q94	2Q94	3Q94	4Q94	Unit
Water elevation		139.6	137.8	137.3	ft msl
Depth to water		10.6	12.4	13.0	ft
pH		5.4	4.7	5.0	pH
Sp. conductance		19	18	18	µS/cm
Water temperature		17.6	18.0	18.9	°C
Alkalinity as CaCO ₃		1	0	0	mg/L
Turbidity		0	0	0	NTU
Volume purged		5.6	12.7	14.1	well vol.
Sampling code					

ANALYTICAL DATA

H	ST	Analyte	1Q94	2Q94	3Q94	4Q94	DF	Mod	Unit	Lab	Flag
		Acetone	<10	<10	<10	<10	1		µg/L	WA	0
		Acetonitrile (Methyl cyanide)	<20	<20	<20	<20	1		µg/L	WA	0
		Acrolein	<10	<10	<10	<10	1		µg/L	WA	0
		Acrylonitrile	<10	<10	<10	<10	1		µg/L	WA	0
		Allyl chloride	<20	<20	<20	<20	1		µg/L	WA	0
		Aluminum, total recoverable	<103	22	<20	<20	1		µg/L	WA	0
		Arsenic, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Barium, total recoverable	<4.0	<4.0	<4.0	<4.0	1		µg/L	WA	0
		Benzene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Boron, total recoverable	<30	<52	<30	<30	1		µg/L	GE	0
		Bromodichloromethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Bromoform	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Bromomethane (Methyl bromide)	<10	<10	<10	<10	1		µg/L	WA	0
		Cadmium, total recoverable	<2.0	<2.0	<2.0	<2.0	1		µg/L	WA	0
		Calcium, total recoverable	503	431	394	394	1		µg/L	WA	0
		Carbon disulfide	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Carbon tetrachloride	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Chloride	1,630	1,620	2,690	2,690	1		µg/L	WA	0
		Chlorobenzene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Chloroethane	<10	<10	<10	<10	1		µg/L	WA	0
		Chloroethene (Vinyl chloride)	<10	<10	<10	<10	1		µg/L	WA	0
		Chloroform	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Chloromethane (Methyl chloride)	<10	6.4	<10	<10	1		µg/L	WA	0
		Chloroprene	<100	<100	<100	<100	1		µg/L	WA	0
		Chromium, total recoverable	<4.0	<4.0	<4.0	<4.0	1		µg/L	WA	0
		Copper, total recoverable	<4.0	<4.0	<4.0	<4.0	1		µg/L	WA	0
		Dibromochloromethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,2-Dibromo-3-chloropropane	<20	<20	<20	<20	1		µg/L	WA	0
		1,2-Dibromoethane	<20	<20	<20	<20	1		µg/L	WA	0
		Dibromomethane	<10	<10	<10	<10	1		µg/L	WA	0
		trans-1,4-Dichloro-2-butene	<100	<100	<100	<100	1		µg/L	WA	0
		Dichlorodifluoromethane	<10	<10	<10	<10	1		µg/L	WA	0
		1,1-Dichloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,2-Dichloroethane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,1-Dichloroethylene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,2-Dichloroethylene	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0
		Dichloromethane	<60	<5.0	<5.0	<5.0	1		µg/L	WA	0
		2,4-Dichlorophenoxyacetic acid	<1.1	<1.1	<1.1	<1.1	1.11		µg/L	WA	0
		1,2-Dichloropropane	<5.0	<5.0	<5.0	<5.0	1		µg/L	WA	0

Note: Flagging, dilution factors, modifiers, and laboratories are for fourth quarter 1994 data only. See Appendix B for flagging criteria.

● = exceeded holding time for fourth quarter 1994.

■ = exceeded screening level or final PDWS for fourth quarter 1994.

Well LFW 72D continued

ANALYTICAL DATA

H	ST	Analyte	1Q94	2Q94	3Q94	4Q94	DF	Mod	Unit	Lab	Flag
		cis-1,3-Dichloropropene		<5.0	<5.0	<5.0	1		µg/L	WA	0
		trans-1,3-Dichloropropene		<5.0	<5.0	<5.0	1		µg/L	WA	0
		Endrin		<0.11	<0.11	<0.11	1.09		µg/L	WA	0
		Ethylbenzene		<5.0	<5.0	<5.0	1		µg/L	WA	0
		Fluoride		<100	<100	<100	1		µg/L	WA	0
		Gross alpha			1.6E+00	1.4E+00	1	J	pCi/L	GP	0
		2-Hexanone		<10	<10	<10	1		µg/L	WA	0
		Iodomethane (Methyl iodide)		<10	<10	<10	1		µg/L	WA	0
		Iron, total recoverable		12	<4.0	6.8	1		µg/L	WA	0
		Isobutyl alcohol		<20	<20	<20	1		µg/L	WA	0
		Lead, total recoverable		<3.0	<3.0	<3.0	1		µg/L	WA	0
		Lindane		<0.056	<0.054	<0.055	1.09		µg/L	WA	0
		Lithium, total recoverable		<5.0	<5.0	<5.0	1		µg/L	WA	0
		Magnesium, total recoverable		287	307	287	1		µg/L	WA	0
		Manganese, total recoverable		3.0	<2.0	<2.0	1		µg/L	WA	0
•		Mercury, total recoverable		<0.20	<0.20	<0.20	1	J	µg/L	WA	0
		Methacrylonitrile		<20	<20	<20	1		µg/L	WA	0
		Methoxychlor		<0.56	<0.54	<0.55	1.09		µg/L	WA	0
		Methyl ethyl ketone		<10	<10	<10	1		µg/L	WA	0
		Methyl isobutyl ketone		<10	<10	<10	1		µg/L	WA	0
		Nickel, total recoverable		<4.0	<4.0	<4.0	1		µg/L	WA	0
•		Nitrate as nitrogen		155	109	992	2	J	µg/L	WA	0
•		Nonvolatile beta			1.3E+00	1.1E+00	1	UI	pCi/L	GP	0
		pH		5.3	5.1	5.2	1	J	pH	WA	0
		Phenols		<5.0	<5.0	<5.0	1		µg/L	WA	0
		Potassium, total recoverable		<500	<500	<500	1		µg/L	WA	0
		Propionitrile		<50	<50	<50	1		µg/L	WA	0
		Radium, total alpha-emitting				1.3E+00	1	J	pCi/L	GP	0
		Radium-226			1.8E-01				pCi/L		
		Radium-228			2.0E+00				pCi/L		
		Selenium, total recoverable		<2.0	<2.0	<2.0	1		µg/L	WA	0
		Silica, dissolved		7,060	7,040	8,320	2.1		µg/L	WA	0
		Silica, total recoverable		6,970	7,190	7,360	2.1		µg/L	WA	0
		Silver, total recoverable		<2.0	<2.0	<2.0	1		µg/L	WA	0
		Sodium, total recoverable		1,210	1,010	949	1		µg/L	WA	0
		Specific conductance		14	13	26	1		µS/cm	WA	0
		Styrene		<5.0	<5.0	<5.0	1		µg/L	WA	0
		Sulfate		<1,000	<1,000	<1,000	1		µg/L	WA	0
		1,1,1,2-Tetrachloroethane		<10	<10	<10	1		µg/L	WA	0
		1,1,2,2-Tetrachloroethane		<5.0	<5.0	<5.0	1		µg/L	WA	0
		Tetrachloroethylene		<5.0	<5.0	<5.0	1		µg/L	WA	0
		Toluene		<5.0	<5.0	<5.0	1		µg/L	WA	0
		Total activity			5.0E+03	3.0E+03	1		pCi/L	EM	0
		Total dissolved solids		41,000	7,000	36,000	1		µg/L	WA	0
		Total organic carbon		<1,000	<1,000	1,200	1		µg/L	WA	0
		Total organic halogens		6.6	8.8	<5.0	1		µg/L	WA	0
		Total phosphates (as P)		<50	<50	1,380	5		µg/L	WA	0
		Total suspended solids		<1,000	<1,000	<1,000	1		µg/L	GE	0
		Toxaphene		<1.1	<1.1	<1.1	1.09		µg/L	WA	0
		2,4,5-TP (Silvex)		<0.54	<0.55	<0.56	1.11		µg/L	WA	0
		1,1,1-Trichloroethane		<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,1,2-Trichloroethane		<5.0	<5.0	<5.0	1		µg/L	WA	0
		Trichloroethylene		<5.0	<5.0	<5.0	1		µg/L	WA	0
		Trichlorofluoromethane		<5.0	<5.0	<5.0	1		µg/L	WA	0
		1,2,3-Trichloropropane		<10	<10	<10	1		µg/L	WA	0
		Tritium			3.2E+00	3.6E+00	1		pCi/mL	GP	0
		Vanadium, total recoverable		<3.0	<3.0	<3.0	1		µg/L	WA	0
		Vinyl acetate		<10	<10	<10	1		µg/L	WA	0
		Xylenes		<5.0	<5.0	<5.0	1		µg/L	WA	0

Note: Flagging, dilution factors, modifiers, and laboratories are for fourth quarter 1994 data only. See Appendix B for flagging criteria.

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Appendix E

Data Quality/Usability Assessment

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Data Quality/Usability Assessment

Quality assurance/quality control (QA/QC) procedures relating to accuracy and precision of analyses performed on groundwater samples are followed in the field and laboratory and are reviewed prior to publication of results. The review by the Environmental Protection Department/Environmental Monitoring Section (EPD/EMS) of the volume of analytical data acquired each quarter and presented in various reports is an ongoing process; its review of the QA/QC data cannot be completed in time to meet the deadlines for the reports required by the Resource Conservation and Recovery Act and associated regulations. Other site and regulatory personnel can obtain further information on the data quality and usability in a variety of ways, including those described below.

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 QA/QC information either at the same time as analytical results or in quarterly summaries. Properly defined and used result modifiers (also referred to as qualifiers) can be a key component in assessing data usability. Result modifiers designed by EPD/EMS and used by the primary laboratories are presented in Appendix D.

Assessment of Accuracy of the Data

Accuracy, or the nearness of the reported result to the true concentration of a constituent in a sample, can be assessed in several ways.

A laboratory's general accuracy can be judged by analysis of results obtained from known samples. The non-radionuclide contract laboratories analyze commercial reference samples every quarter at EPD/EMS' request. The results of these analyses are presented in the EPD/EMS groundwater monitoring quarterly reports. The primary laboratories also seek or maintain state certification by participating periodically in performance studies; reference samples and analysis of results are provided by EPA. Results of these studies also are published in the EPD/EMS quarterly reports.

Analysis of blanks provides a tool for assessing the accuracy of both sampling and laboratory analysis. Results for all field blanks for the quarter can be found in the EPD/EMS quarterly reports. Any field or laboratory blanks that exceed established minimums are identified in the same reports, in tables associating them with groundwater samples analyzed in the same batches.

Surrogates, organic compounds similar in chemical behavior to the compounds of interest but not normally found in environmental samples, are used to monitor the effect of the matrix on the accuracy of analyses for organic parameters. For example, for analyses of volatile organics by EPA Method 8240, three surrogate compounds are added to all samples and blanks in each analytical batch. In analyses of semivolatile organics, three acid compounds and three base/neutral compounds are used. Two surrogates are used in organochlorine pesticides analyses. Percent recoveries for surrogate analyses are calculated by laboratory personnel, reported to EPD/EMS, reviewed, and entered into the database, but they are not published. If recoveries are not within specified limits, the laboratory is expected to reanalyze the samples or attach qualifiers to the data identifying the anomalous results.

Sample-specific accuracy for both organic and inorganic parameters can be assessed by examination of matrix spike/matrix spike duplicate results. A sample is analyzed unspiked to determine a baseline set of values. A second portion of the sample is spiked with known concentrations of compounds appropriate to the analyses being performed, typically five volatile organic compounds for volatile organics analyses, eleven semivolatile compounds for semivolatiles, six pesticide compounds for pesticides, all metals for metals analyses by SW-846 methods (EPA, 1986), and a known quantity of cyanide for cyanide analysis. The percentage of the spike compound that is recovered (i.e., measured in excess of the value obtained for the unspiked sample) is a direct measure of analytical accuracy. EPA requires matrix spike/matrix spike duplicates to be run at least once per 20 samples of similar matrix.

Matrix spike/matrix spike duplicate results are reported to EPD/EMS but are not published. For organic compounds, according to EPA guidelines, no action is taken on the basis of matrix spike/matrix spike duplicate data alone (i.e., no result modifiers are assigned solely on the basis of matrix spike results); however, the results can indicate if a laboratory is having a systematic problem in the analysis of one or more analytes.

In the case of inorganic compounds, such as metals, the matrix spike sample analysis provides information about the effect of each sample matrix on the digestion and measurement methodology. Data qualifiers assigned by the laboratories on the basis of the percentage of spike recovery are reported in the published results tables.

Assessment of Precision

Precision of the analyses, or agreement of a set of replicate results among themselves, is assessed through the use of duplicates initiated by the laboratory and blind replicates provided by EPD/EMS. The results of duplicate and replicate analyses are presented in those results tables of the quarterly reports which report only one quarter of data, usually during first, second, and third quarters. Duplicate and replicate results are not presented in results tables that report more than one quarter of data, generally provided in fourth quarter reports. In this case, the results tables instead present only the highest result for each analyte for each quarter of the year.

The laboratories assess precision by calculating the relative percent difference (RPD) for each pair of laboratory-initiated duplicate results. One of the contract laboratories uses a data qualifier (J3) to modify metals analyses when the RPD for laboratory duplicates is greater than 20 percent.

Additional statistical comparisons of laboratory duplicate and blind replicate results, both intra- and interlaboratory, are presented in the EPD/EMS quarterly reports. The calculation used for these reports is the mean relative difference (MRD) which is similar to EPA's RPD except that the MRD is the average of all the RPD values from one laboratory for each compound (intralaboratory MRD) or all the RPD values from all laboratories for each compound (interlaboratory MRD), during one quarter. Because detection limits may vary among samples, the MRD requires calculation of a reference detection limit, which is the detection limit at the 90th percentile of the array of limits in the population of all duplicate and replicate analyses for a given analyte during a particular quarter. The MRD is not method-specific.

Method-Specific Accuracy and Precision

The contract laboratories' EPA-approved laboratory procedures include QA/QC requirements as an integral part of the methods. Thus, knowledge of the method used in obtaining data is an important component of determining data usability. EPA has conducted extensive research and

development on the methods approved for the analysis of water and waste water; information on the accuracy and precision of a method is available from EPA publications, as is full information on required QA/QC procedures. A listing of the methods used by the primary laboratories during fourth quarter 1993 is given below along with the source for the method description. Many, if not all, of these sources include presentations of representative accuracy and precision results.

Methods Used by the Contract Laboratories

<u>Method</u>	<u>Used to Analyze</u>	<u>Source</u>
EPA120.1	Specific conductance	EPA EMSL, 1983
EPA150.1	pH	EPA EMSL, 1983
EPA160.1	Total dissolved solids	EPA EMSL, 1983
EPA160.2	Total dissolved solids, total suspended solids	EPA EMSL, 1983
EPA180.1	Turbidity	EPA EMSL, 1983
EPA200.7	Metals	EPA EMSL, 1983
EPA204.2	Antimony	EPA EMSL, 1983
EPA206.2	Arsenic	EPA EMSL, 1983
EPA239.2	Lead	EPA EMSL, 1983
EPA245.1	Mercury	EPA EMSL, 1983
EPA270.2	Selenium	EPA EMSL, 1983
EPA279.2	Thallium	EPA EMSL, 1983
EPA300.0	Chloride, nitrite, sulfate	EPA EMSL, 1991
EPA310.1	Alkalinity	EPA EMSL, 1983
EPA325.2	Chloride	EPA EMSL, 1983
EPA335.3	Cyanide	EPA EMSL, 1983
EPA340.2	Fluoride	EPA EMSL, 1983
EPA353.1	Nitrogen, nitrate-nitrite	EPA EMSL, 1983
EPA353.2	Nitrogen, nitrate, nitrite, or combined	EPA EMSL, 1983
EPA365.1	Phosphorus, all forms (reported as total phosphates)	EPA EMSL, 1983
EPA365.2	Phosphorus, all forms (reported as total phosphates)	EPA EMSL, 1983
EPA376.2	Sulfide	EPA EMSL, 1983
EPA413.1	Oil & grease	EPA EMSL, 1983
EPA415.1	Dissolved organic carbon, total inorganic carbon, total organic carbon	EPA EMSL, 1983
EPA418.1	Total petroleum hydrocarbons	EPA EMSL, 1983
EPA420.2	Phenols	EPA EMSL, 1983
EPA900.0	Gross alpha, nonvolatile beta	EPA EMSL, 1980
EPA900.1	Total alpha-emitting radium	EPA EMSL, 1980
EPA906.0	Tritium	EPA EMSL, 1980
EPA6010	Metals	EPA, 1986
EPA7041	Antimony	EPA, 1986
EPA7060	Arsenic	EPA, 1986
EPA7421	Lead	EPA, 1986
EPA7470	Mercury	EPA, 1986
EPA7740	Selenium	EPA, 1986
EPA7841	Thallium	EPA, 1986
EPA8010	Chlorinated volatile organics	EPA, 1986
EPA8080	Organochlorine pesticides and PCBs	EPA, 1986
EPA8150	Chlorinated herbicides	EPA, 1986
EPA8240	GCMS volatiles	EPA, 1986
EPA8270	GCMS semivolatiles	EPA, 1986
EPA8280	Dioxins and furans	EPA, 1986
EPA9012	Cyanide	EPA, 1986
EPA9020	Total organic halogens	EPA, 1986
EPA9020A	Total organic halogens	EPA, 1986
EPA9030	Sulfide	EPA, 1986

<u>Method</u>	<u>Used to Analyze</u>	<u>Source</u>
EPA9060	Dissolved organic carbon, total inorganic carbon, total organic carbon	EPA, 1986

An example of available method-specific QA/QC information is that for the analysis of metals by EPA Method 6010/200.7 (EPA, 1986/EPA EMSL, 1983). The primary laboratories, General Engineering Laboratories (GE) and Roy F. Weston, Inc. (Weston), use this inductively coupled plasma (ICP) atomic emission spectrometric method.

The following precision and accuracy data are based on the experience of seven laboratories that applied the ICP technique to acid-distilled water matrices that had been spiked with various metal concentrates. (Note: Not all seven laboratories analyzed all 14 elements.) The references give results for samples having three concentration ranges; the results here are for samples having the lowest values, similar to actual groundwater results for SRS.

ICP Precision and Accuracy Data

<u>Element</u>	<u>True value ($\mu\text{g/L}$)</u>	<u>Mean reported value ($\mu\text{g/L}$)</u>	<u>Mean percent RSD^a</u>
Aluminum	60	62	33
Arsenic	22	19	23
Beryllium	20	20	9.8
Cadmium	2.5	2.9	16
Chromium	10	10	18
Cobalt	20	20	4.1
Copper	11	11	40
Iron	20	19	15
Lead	24	30	32
Manganese	15	15	6.7
Nickel	30	28	11
Selenium	6	8.5	42
Vanadium	70	69	2.9
Zinc	16	19	45

^a Relative standard deviation. In EPA (1986), the column heading is Mean Standard Deviation (%).

As another example, EPA Method 601/8010 (EPA, 1991/EPA, 1986) is used by both GE and Weston for analyses of halogenated volatile organics. In the presentation of the method in both references, the following table gives method-specific accuracy and precision as functions of concentration. Contract laboratories are expected to achieve or at least approach these limits.

Accuracy and Precision as Functions of Concentration for EPA Method 601/8010

<u>Parameter</u>	<u>Accuracy as recovery, $\bar{X}$^a ($\mu\text{g/L}$)</u>	<u>Single analyst precision ($\mu\text{g/L}$)^b</u>	<u>Overall precision ($\mu\text{g/L}$)^c</u>
Bromodichloromethane	1.12C-1.02 ^d	0.11 $\bar{X}$ +0.04 ^e	0.20 $\bar{X}$ +1.00
Bromoform	0.96C-2.05	0.12 $\bar{X}$ +0.58	0.21 $\bar{X}$ +2.41
Bromomethane	0.76C-1.27	0.28 $\bar{X}$ +0.27	0.36 $\bar{X}$ +0.94
Carbon tetrachloride	0.98C-1.04	0.15 $\bar{X}$ +0.38	0.20 $\bar{X}$ +0.39
Chlorobenzene	1.00C-1.23	0.15 $\bar{X}$ -0.02	0.18 $\bar{X}$ +1.21
Chloroethane	0.99C-1.53	0.14 $\bar{X}$ -0.13	0.17 $\bar{X}$ +0.63
2-Chloroethyl vinyl ether ^f	1.00C	0.20 $\bar{X}$	0.35 $\bar{X}$

Parameter	Accuracy as recovery, X' ($\mu\text{g/L}$)	Single analyst precision ($\mu\text{g/L}$)	Overall precision ($\mu\text{g/L}$)
Chloroform	$0.93C-0.39$	$0.13\bar{X}+0.15$	$0.19\bar{X}-0.02$
Chloromethane	$0.77C+0.18$	$0.28\bar{X}-0.31$	$0.52\bar{X}+1.31$
Dibromochloromethane	$0.94C+2.72$	$0.11\bar{X}+1.10$	$0.24\bar{X}+1.68$
1,2-Dichlorobenzene	$0.93C+1.70$	$0.20\bar{X}+0.97$	$0.13\bar{X}+6.13$
1,3-Dichlorobenzene	$0.95C+0.43$	$0.14\bar{X}+2.33$	$0.26\bar{X}+2.34$
1,4-Dichlorobenzene	$0.93C-0.09$	$0.15\bar{X}+0.29$	$0.20\bar{X}+0.41$
1,1-Dichloroethane	$0.95C-1.08$	$0.09\bar{X}+0.17$	$0.14\bar{X}+0.94$
1,2-Dichloroethane	$1.04C-1.06$	$0.11\bar{X}+0.70$	$0.15\bar{X}+0.94$
1,1-Dichloroethene	$0.98C-0.87$	$0.21\bar{X}-0.23$	$0.29\bar{X}-0.40$
trans-1,2-Dichloroethene	$0.97C-0.16$	$0.11\bar{X}+1.46$	$0.17\bar{X}+1.46$
Dichloromethane (Methylene chloride)	$0.91C-0.93$	$0.11\bar{X}+0.33$	$0.21\bar{X}+1.43$
1,2-Dichloropropane ^f	$1.00C$	$0.13\bar{X}$	$0.23\bar{X}$
cis-1,3-Dichloropropene ^f	$1.00C$	$0.18\bar{X}$	$0.32\bar{X}$
trans-1,3-Dichloropropene ^f	$1.00C$	$0.18\bar{X}$	$0.32\bar{X}$
1,1,2,2-Tetrachloroethane	$0.95C+0.19$	$0.14\bar{X}+2.41$	$0.23\bar{X}+2.79$
Tetrachloroethylene	$0.94C+0.06$	$0.14\bar{X}+0.38$	$0.18\bar{X}+2.21$
1,1,1-Trichloroethane	$0.90C-0.16$	$0.15\bar{X}+0.04$	$0.20\bar{X}+0.37$
1,1,2-Trichloroethane	$0.86C+0.30$	$0.13\bar{X}-0.14$	$0.19\bar{X}+0.67$
Trichloroethylene	$0.87C+0.48$	$0.13\bar{X}-0.03$	$0.23\bar{X}+0.30$
Trichlorofluoromethane	$0.89C-0.07$	$0.15\bar{X}+0.67$	$0.26\bar{X}+0.91$
Vinyl chloride	$0.97C-0.36$	$0.13\bar{X}+0.65$	$0.27\bar{X}+0.40$

- ^a X' = expected recovery for one or more measurements of a sample containing a concentration of C , in $\mu\text{g/L}$.
^b Expected single analyst standard deviation of measurements.
^c Expected interlaboratory standard deviation of measurements.
^d C = true value for the concentration, in $\mu\text{g/L}$.
^e $\bar{X}$ = average recovery found for measurements of samples containing a concentration of C , in $\mu\text{g/L}$.
^f Estimates based on performance of a single laboratory.

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Appendix F

Time Series Plots

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Time Series Plot of Benzene Concentrations Well LFW 8

Time Series Plot of Benzene Concentrations Well LFW 10A

Time Series Plot of Benzene Concentrations Well LFW 36

Time Series Plot of Chloroethene Concentrations Well LFW 8

Time Series Plot of Chloroethene Concentrations Well LFW 48D

Time Series Plot of 1,4-Dichlorobenzene Concentrations Well LFW 7

Time Series Plot of Dichloromethane Concentrations Well LFW 10A

Time Series Plot of Dichloromethane Concentrations Well LFW 21

Time Series Plot of Ethylbenzene Concentrations Well LFW 8

Time Series Plot of Ethylbenzene Concentrations Well LFW 10A

Time Series Plot of Ethylbenzene Concentrations Well LFW 22

Time Series Plot of Ethylbenzene Concentrations Well LFW 48D

Time Series Plot of Lead Concentrations Well LFW 8

Time Series Plot of Tetrachloroethylene Concentrations Well LFW 10A

Time Series Plot of Tetrachloroethylene Concentrations Well LFW 61D

Time Series Plot of 1,1,1-Trichloroethane Concentrations Well LFW 39

Time Series Plot of 1,1,1-Trichloroethane Concentrations Well LFW 61D

Time Series Plot of Trichloroethylene Concentrations Well LFW 10A

Time Series Plot of Trichloroethylene Concentrations Well LFW 59D

Time Series Plot of Trichlorofluoromethane Concentrations Well LFW 39

Time Series Plot of Trichlorofluoromethane Concentrations Well LFW 58D

Time Series Plot of Trichlorofluoromethane Concentrations Well LFW 61C

Time Series Plot of Trichlorofluoromethane Concentrations Well LFW 61D

Time Series Plot of Xylenes Concentrations Well LFW 21

Time Series Plot of Xylenes Concentrations Well LFW 22

Appendix G

Hydrographs

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Hydrograph Well LFW 6

Hydrograph Well LFW 7

Hydrograph Well LFW 8

Hydrograph Well LFW 10A

Hydrograph Well LFW 16

Hydrograph Well LFW 17

Hydrograph Well LFW 18

Hydrograph Well LFW 19

Hydrograph Well LFW 20

Hydrograph Well LFW 21

Hydrograph Well LFW 22

Hydrograph Well LFW 23

Hydrograph Well LFW 24

Hydrograph Well LFW 25

Hydrograph Well LFW 26

Hydrograph Well LFW 27

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Hydrograph Well LFW 41

Hydrograph Well LFW 42

Hydrograph Well Cluster LFW 43

Hydrograph Well LFW 44D

Hydrograph Well LFW 45D

Hydrograph Well LFW 46D

Hydrograph Well Cluster LFW 47

Hydrograph Well Cluster LFW 48

Hydrograph Well Cluster LFW 55

Hydrograph Well LFW 56D

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Hydrograph Well Cluster LFW 70

Hydrograph Well Cluster LFW 71